FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 3 OF 5

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

(ALL JURISDICTIONS)

COMMUNITY NAME	COMMUNITY NUMBER
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY	210067

FEMA

EFFECTIVE: PRELIMINARY 2/26/2016

FLOOD INSURANCE STUDY NUMBER
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CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC.)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE
UNNAMED TRIBUTARY TO I-75 TRIBUTARY								
A	52	51	93	2.0	974.3	974.3	974.7	0.4
B	160	14	48	3.8	974.8	974.8	975.2	0.4
C	210	33	108	1.7	976.5	976.5	976.7	0.2
D	444	17	57	3.2	977.0	977.0	977.5	0.5
E	579	17	38	4.8	978.0	978.0	978.6	0.6
F	1,099	11	34	5.1	985.7	985.7	986.7	1.0
G	1,192	12	26	6.5	988.2	988.2	988.4	0.2
H	1,362	85	398	0.4	995.6	995.6	995.7	0.1
I	1,647	79	83	1.8	995.6	995.6	995.8	0.2
J	1,720	122	581	0.2	1001.1	1001.1	1001.2	0.0
K	2,019	33	95	1.0	1001.1	1001.1	1001.2	0.0
L	2,448	59	333	0.3	1010.1	1010.1	1010.1	0.0
M	2,729	43	101	1.0	1010.1	1010.1	1010.1	0.0
N	2,846	17	23	4.6	1011.2	1011.2	1011.3	0.1
UNNAMED TRIBUTARY TO NORTH ELKHORN CREEK TRIBUTARY								
A	940	32	124	9.0	965.0	965.0	966.0	1.0

[1] DISTANCE ABOVE MOUTH: UNNAMED TRIBUTARY TO I-75 TRIBUTARY AND UNNAMED TRIBUTARY TO NORTH ELKHORN CREEK TRIBUTARY IN FEET

[2] FLOODWAY WIDTH AT THIS SECTION HAS BEEN REVISED BASED ON NEW TOPOGRAPHY. NO NEW ANALYSIS HAS BEEN PERFORMED

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KY

FLOODWAY DATA

UNNAMED TRIBUTARY TO I-75 TRIBUTARY - UNNAMED TRIBUTARY TO NORTH ELKHORN CREEK TRIBUTARY

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC.)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE
US ROUTE 60 TRIBUTARY								
A	0.09	43	152	1.2	936.1	936.1	936.6	0.5
B	0.29	9	22	8.5	945.1	945.1	945.3	0.2
C	0.57	40	125	3.0	961.0	961.0	961.0	0.0
D	0.65	42	175	0.3	964.4	964.4	965.1	0.7
E	0.77	210	1472	0.1	981.3	981.3	982.0	0.7
F	0.84	25	95	1.4	981.3	981.3	982.0	0.7
VAUGHNS BRANCH								
A	0.34	62	192	11.1	890.8	890.8	980.8	0.0
B	0.55	30	190	10.4	895.8	895.8	896.4	0.6
C	0.77	71	706	4.1	908.5	908.5	909.5	1.0
D	0.94	124	717	4.5	908.8	908.8	909.8	1.0
E	1.35	89	497	5.6	918.2	918.2	918.7	0.5
F	1.55	84	377	5.6	920.8	920.8	921.8	1.0
G	2.07	92	350	3.9	933.3	933.3	934.3	1.0
H	2.17	46	144	9.6	938.9	938.9	938.9	0.0
WAVELAND MUSEUM TRIBUTARY								
A	0.02	35	176	5.7	930.9	930.9	931.1	0.2
B	0.15	20	130	7.7	934.2	934.2	934.7	0.5
C	0.22	100	820	1.2	940.1	940.1	940.8	0.7
D	0.74	255	2,962	0.3	951.7	951.7	952.7	1.0
E	0.95	70	358	2.8	957.9	957.9	958.8	0.9
F	1.26	37	142	7.1	974.1	974.1	974.9	0.8

[1] MILES ABOVE MOUTH

[2] FLOODWAY WIDTH AT THIS SECTION HAS BEEN REVISED BASED ON NEW TOPOGRAPHY. NO NEW ANALYSIS HAS BEEN PERFORMED.

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KY

FLOODWAY DATA

US ROUTE 60 TRIBUTARY - VAUGHNS BRANCH - WAVELAND MUSEUM TRIBUTARY

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE
West Hickman Creek								
A	28.76	422	3,463	2.2	890.0	890.0	890.9	0.9
B	29.37	302	1,776	4.3	892.7	892.7	893.6	0.9
C	29.38	301	2,327	3.3	895.4	895.4	895.6	0.2
D	29.58	176	1,299	4.9	896.0	896.0	896.2	0.2
E	30.08	129	954	6.6	898.5	898.5	899.1	0.6
F	30.31	193	1,635	3.2	901.3	901.3	901.4	0.1
G	30.71	169	880	6.0	903.0	903.0	903.4	0.4
H	30.75	49	435	12.2	903.0	903.0	903.4	0.4
I	30.76	49	439	12.1	903.0	903.0	903.2	0.2
J	30.79	60	446	11.9	903.4	903.4	903.6	0.2
K	30.80	110	705	5.9	905.1	905.1	906.0	0.9
L	31.42	89	670	6.0	911.6	911.6	912.6	1.0
M	31.54	128	701	2.2	912.7	912.7	913.6	0.9
N	31.67	75	353	4.4	913.0	913.0	913.8	0.8
O	32.05	35	224	5.9	920.8	920.8	921.1	0.3
P	32.32	48	165	8.0	923.5	923.5	924.3	0.8
Q	32.34	44	268	2.5	924.9	924.9	925.3	0.4
R	32.59	55	475	1.4	932.7	932.7	932.7	0.0
S	32.68	65	453	1.5	932.8	932.8	932.8	0.0
S1	33.00	42	180	3.9	933.0	933.0	933.2	0.2
S2	33.32	33	135	5.2	937.6	937.6	937.8	0.2
S3	33.37	102	418	1.6	940.0	940.0	940.0	0.0
S4	33.48	24	111	6.1	940.8	940.8	941.0	0.2

[1]Stream distance in miles above mouth

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KY

FLOODWAY DATA

WEST HICKMAN CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE
West Hickman Creek								
T	33.58	-	-	-	973.2	973.2	-	-
U	34.78	86	320	3	978.0	978.0	978.0	0.0
V	34.92	40	207	4	978.6	978.6	979.5	0.0
W[2]	35.06	-	-	-	-	-	-	-

[1]Stream distance in miles above mouth

[2]Floodway contained in culvert

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KY

FLOODWAY DATA

WEST HICKMAN CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC.)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE
WILSON-DOWNING ROAD TRIBUTARY								
A	0.09	50	289	5.5	907.1	907.1	907.8	0.7
B	0.20	22	268	5.9	915.5	915.5	915.8	0.3
C	0.42	139	466	3.4	918.6	918.6	919.5	0.9
D	0.75	69	341	4.6	931.3	931.3	932.3	1.0
E	0.93	163	1919	0.8	944.9	944.9	945.9	1.0
F	1.13	85	500	3.3	945.0	945.0	946.0	1.0
G	1.55	60	295	5.7	961.9	961.9	962.8	0.9
H	1.62	60	215	2.9	966.2	966.2	966.9	0.7
I	1.72	56	298	2.1	974.1	974.1	974.9	0.8
J	1.79	50	174	3.6	978.3	978.3	979.1	0.8

[1] MILES ABOVE MOUTH

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KY

FLOODWAY DATA

WILSON-DOWNING ROAD TRIBUTARY

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE
WOLF RUN								
A	0.07	270	2,520	1.5	868.8	868.8	869.8	1.0
B	0.52	170	818	4.8	869.2	869.2	870.2	1.0
C	0.85	152	723	5.4	874.2	874.2	875.2	1.0
D	1.26	300[2]	3,382	1.3	882.7	882.7	883.7	1.0
E	1.69	60	427	8.2	888.4	888.4	888.8	0.4
F	1.90	66	416	8.2	892.8	892.3	893.3	1.0
G	2.02	44	339	7.7	897.0	897.0	898.0	1.0
H	2.30	93	693	4.0	902.8	902.8	903.8	1.0
I	2.36	232	1,465	1.9	903.2	903.2	904.2	1.0
J	2.89	173	799	3.5	913.5	913.5	913.9	0.4
K	3.30	60	302	6.4	921.5	921.5	921.5	0.0
L	3.68	416	1,430	1.2	934.0	934.0	934.0	0.0
M	4.07	313	915	2.0	949.0	949.0	949.0	0.0
N	4.34	268	615	2.5	952.0	952.0	952.8	0.8
O	4.49	210	198	7.7	956.2	956.2	956.2	0.0
P	4.71	187	133	7.7	962.8	962.8	962.8	0.0
Q	5.12	332	1,171	2.8	974.6	974.6	974.6	0.0
R	5.22	18	36	8.6	983.7	983.7	983.7	0.0

[1] Miles above mouth

[2] Floodway at this section has been revised based on new topography. No new analysis has been performed.

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KY

FLOODWAY DATA

WOLF RUN

Table 25: Flood Hazard and Non-Encroachment Data for Selected Streams

[Not Applicable to this FIS Project]

6.4 Coastal Flood Hazard Mapping

This section is not applicable to this FIS project.

Table 26: Summary of Coastal Transect Mapping Considerations

[Not Applicable to this FIS Project]

6.5 FIRM Revisions

This FIS Report and the FIRM are based on the most up-to-date information available to FEMA at the time of its publication; however, flood hazard conditions change over time. Communities or private parties may request flood map revisions at any time. Certain types of requests require submission of supporting data. FEMA may also initiate a revision. Revisions to FIS projects may take several forms, including Letters of Map Amendment (LOMAs), Letters of Map Revision Based on Fill (LOMR-Fs), Letters of Map Revision (LOMRs) (referred to collectively as Letters of Map Change (LOMCs)), Physical Map Revisions (PMRs), and FEMA-contracted restudies. These types of revisions are further described below. Some of these types of revisions do not result in the republishing of the FIS Report. To assure that any user is aware of all revisions, it is advisable to contact the community repository of flood-hazard data (shown in Table 31, "Map Repositories").

6.5.1 Letters of Map Amendment

A LOMA is an official revision by letter to an effective NFIP map. A LOMA results from an administrative process that involves the review of scientific or technical data submitted by the owner or lessee of property who believes the property has incorrectly been included in a designated SFHA. A LOMA amends the currently effective FEMA map and establishes that a specific property is not located in a SFHA. A LOMA cannot be issued for properties located on the PFD (primary frontal dune).

To obtain an application for a LOMA, visit http://www.fema.gov/floodplain-management/letter-map-amendment-loma and download the form "MT-1 Application Forms and Instructions for Conditional and Final Letters of Map Amendment and Letters of Map Revision Based on Fill". Visit the "Flood Map-Related Fees" section to determine the cost, if any, of applying for a LOMA.

FEMA offers a tutorial on how to apply for a LOMA. The LOMA Tutorial Series can be accessed at http://www.fema.gov/media/fhm/lomrf/ot_loma.html.

For more information about how to apply for a LOMA, call the FEMA Map Information eXchange; toll free, at 1-877-FEMA MAP (1-877-336-2627).

6.5.2 Letters of Map Revision Based on Fill

A LOMR-F is an official revision by letter to an effective NFIP map. A LOMR-F states FEMA's determination concerning whether a structure or parcel has been elevated on fill above the base flood elevation and is, therefore, excluded from the SFHA.

Information about obtaining an application for a LOMR-F can be obtained in the same manner as that for a LOMA, by visiting http://www.fema.gov for the "MT-1 Application Forms and Instructions for Conditional and Final Letters of Map Amendment and Letters of Map Revision Based on Fill" or by calling the FEMA Map Information eXchange, toll free, at 1-877-FEMA MAP (1-877-336-2627). Fees for applying for a LOMR-F, if any, are listed in the "Flood Map-Related Fees" section.

A tutorial for LOMR-F is available at www.fema.gov/online-tutorials.

6.5.3 Letters of Map Revision

A LOMR is an official revision to the currently effective FEMA map. It is used to change flood zones, floodplain and floodway delineations, flood elevations and planimetric features. All requests for LOMRs should be made to FEMA through the chief executive officer of the community, since it is the community that must adopt any changes and revisions to the map. If the request for a LOMR is not submitted through the chief executive officer of the community, evidence must be submitted that the community has been notified of the request.

To obtain an application for a LOMR, visit http://www.fema.gov and download the form "MT-2 Application Forms and Instructions for Conditional Letters of Map Revision and Letters of Map Revision". Visit the "Flood Map-Related Fees" section to determine the cost of applying for a LOMR. For more information about how to apply for a LOMR, call the FEMA Map Information eXchange; toll free, at 1-877-FEMA MAP (1-877-336-2627) to speak to a Map Specialist.

Previously issued mappable LOMCs (including LOMRs) that have been incorporated into the Fayette County FIRM are listed in Table 27.

Table 27: Incorporated Letters of Map Change

Case Number	Effective Date	Flooding Source	FIRM Panel(s)
13-04-3690P	8/18/2014	Wolf Run	2100670119E
14-04-7921A	8/21/2014	Gardenside Tributary, Wolf Run	2100670116E
13-04-4124C	10/08/2013	West Hickman Creek	2100670226F

6.5.4 Physical Map Revisions

PMRs are an official republication of a community's NFIP map to effect changes to base flood elevations, floodplain boundary delineations, regulatory floodways and planimetric features. These changes typically occur as a result of structural works or improvements, annexations resulting in additional flood hazard areas or correction to base flood elevations or SFHAs.

The community's chief executive officer must submit scientific and technical data to FEMA to support the request for a PMR. The data will be analyzed and the map will be revised if warranted. The community is provided with copies of the revised information and is afforded a review period. When the base flood elevations are changed, a 90-day appeal period is provided. A 6-month adoption period for formal approval of the revised map(s) is also provided.

For more information about the PMR process, please visit http://www.fema.gov and visit the "Flood Map Revision Processes" section.

6.5.5 Contracted Restudies

The NFIP provides for a periodic review and restudy of flood hazards within a given community. FEMA accomplishes this through a national watershed-based mapping needs assessment strategy, known as the Coordinated Needs Management Strategy (CNMS). The CNMS is used by FEMA to assign priorities and allocate funding for new flood hazard analyses used to update the FIS Report and FIRM. The goal of CNMS is to define the validity of the engineering study data within a mapped inventory. The CNMS is used to track the assessment process, document engineering gaps and their resolution, and aid in prioritization for using flood risk as a key factor for areas identified for flood map updates. Visit www.fema.gov to learn more about the CNMS or contact the FEMA Regional Office listed in Section 8 of this FIS Report.

6.5.6 Community Map History

The current FIRM presents flooding information for the entire geographic area of Fayette County. Previously, separate FIRMs, Flood Hazard Boundary Maps (FHBMs) and/or Flood Boundary and Floodway Maps (FBFMs) may have been prepared for the incorporated communities and the unincorporated areas in the county that had identified SFHAs. Current and historical data relating to the maps prepared for the project area are presented in Table 28, "Community Map History." A description of each of the column headings and the source of the date is also listed below.

- *Community Name* includes communities falling within the geographic area shown on the FIRM, including those that fall on the boundary line, nonparticipating communities, and communities with maps that have been rescinded. Communities with No Special Flood Hazards are indicated by a footnote. If all maps (FHBM, FBFM, and FIRM) were rescinded for a community, it is not listed in this table unless SFHAs have been identified in this community.

- *Initial Identification Date (First NFIP Map Published)* is the date of the first NFIP map that identified flood hazards in the community. If the FHBM has been converted to a FIRM, the initial FHBM date is shown. If the community has never been mapped, the upcoming effective date or "pending" (for Preliminary FIS Reports) is shown. If the community is listed in Table 28 but not identified on the map, the community is treated as if it were unmapped.

- *Initial FHBM Effective Date* is the effective date of the first Flood Hazard Boundary Map (FHBM). This date may be the same date as the Initial NFIP Map Date.

- *FHBM Revision Date(s)* is the date(s) that the FHBM was revised, if applicable.

- *Initial FIRM Effective Date* is the date of the first effective FIRM for the community. This is the first effective date that is shown on the FIRM panel.

- *FIRM Revision Date(s)* is the date(s) the FIRM was revised, if applicable. This is the revised date that is shown on the FIRM panel, if applicable. As countywide studies are completed or revised, each community listed should have its FIRM dates updated accordingly to reflect the date of the countywide study. Once the FIRMs exist in countywide format, as Physical Map Revisions (PMR) of FIRM panels within the county

are completed, the FIRM Revision Dates in the table for each community affected by the PMR are updated with the date of the PMR, even if the PMR did not revise all the panels within that community.

The initial effective date for the Fayette County FIRMs in countywide format was 9/17/2008.

Table 28: Community Map History

Community Name	Initial Identification Date (First NFIP Map Published)	Initial FHBM Effective Date	FHBM Revision Date(s)	Initial FIRM Effective Date	FIRM Revision Date(s)
Lexington-Fayette Urban County Government, Kentucky	02/15/1974	02/15/1974	03/26/1976	09/28/1979	03/03/2014 09/17/2008 09/03/1992

SECTION 7.0 – CONTRACTED STUDIES AND COMMUNITY COORDINATION

7.1 Contracted Studies

Table 29 provides a summary of the contracted studies, by flooding source, that are included in this FIS Report.

Table 29: Summary of Contracted Studies Included in this FIS Report

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
West Hickman Creek Tributary 1, West Hickman Creek	TBD	AECOM	EMA-2012-CA-5465	July 2015	Lexington-Fayette Urban County Government

Table 29: Summary of Contracted Studies Included in this FIS Report

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Antioch Church Tributary, Avon Tributary, Avon Tributary 1, Baughman Fork, Baughman Fork Tributary 1, Baughman Fork Tributary 3, Baughman Fork Tributary 3.1, Baughman Fork Tributary 3.1.1, Bethel Road Tributary, Big Tributary, Big Tributary, BM 897 Tributary, BM 907-39 Tributary, Boggs Fork, Boggs Fork Tributary 2, Boone Creek, Boone Creek Tributary 1, Boone Creek Tributary 2, Bryan Station Spring Tributary, Bryan Station Spring Tributary 1, Bryant Tributary, Cemetery Tributary, David Fork, David Fork Tributary 1, Dixie Tributary, East I-75 Tributary, Five Pond Tributary, Goose Creek, Greenbrier Lake, Greenwich Road Tributary, Harp Innis Road Tributary, Heliport Tributary, Highway 68-27 Tributary, Highway 922 Tributary North Fork, Highway 922 Tributary South Fork, Howard Grove Tributary, Huffman Mill Road Tributary, Hughes Lane Tributary, I-64 Tributary, I-75 Tributary, Interchange Tributary, Ironworks Tributary, Jimtown Tributary, Johnson Road Tributary, Jones Creek, Jones Creek Tributary 1, Jones Creek Tributary 2, Kearney Tributary, Kentucky River, Lemons Mill Road Tributary, Manchester Branch, Manchester Branch Tributary 1, Mary Reynolds Creek, Mattoxtown Tributary, Mt. Horeb Road Tributary, Muir Station Road Tributary, North Branch, North Elkhorn Creek, Old Pine Grove Tributary, Pine Grove Tributary, Pipeline Tributary, Pleasant Ridge Church Tributary, Quarry Tributary, Radio Tower Tributary, Shannon Run, Shannon Run Tributary 1, Shannon Run Tributary 3, Shelby Branch, Shelby Branch Tributary 1, Shelby Branch Tributary 2, Shelby Branch Tributary 3, Shelby Branch Tributary 3.1, South Elkhorn Creek, Southpoint Tributary, Stonewall Estates Tributary 2, Todds Road Tributary, Two Ponds Tributary, Unnamed Tributary, Unnamed Tributary to Lemons Mill Road Tributary, Unnamed Tributary to Walnut Hill Church Tributary, Walnut Hill Church Tributary	3/3/14	URS Corp	EMA-2009-CA-5931	3/2012	Lexington-Fayette Urban County Government

Table 29: Summary of Contracted Studies Included in this FIS Report

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Wolf Run Creek, Cave Hill Tributary/ Bowman Mill Tributary, Bryant Tributary, and Southpoint Tributary	9/17/08	Fuller, Mossbarger, Scott, and May Engineers, Inc. (Bowman Mill/ Cave Hill), Jones & Henry Engineers, LLC (Wolf Run), Tetra Tech Inc. (Bryant Tributary), and Parsons, Brinckerhoff, Quade, and Douglas (Southpoint Tributary)	EMA-2003-GR5389	9/26/03	Lexington-Fayette Urban County Government

Table 29: Summary of Contracted Studies Included in this FIS Report

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
West Hickman Creek downstream of Reservoir No. 3 , Higbee Mill Road Tributary, Tates Creek, Lansdowne Drive Tributary, Tiverton Way Tributary, Reservoir Tributary East, Cadentown Branch, Cadentown Branch East, Todds Road Tributary, Todds Road Tributary North, Cane Run upstream of Interstate 75 and downstream of the confluence of IBM Tributary, Flintridge Drive Tributary, Shadeland Tributary, Eastland Parkway Tributary downstream of the confluence of US Route 60 Tributary, Pleasant Ridge Church Tributary, Two Ponds Tributary, Dogwood Tributary, Wilson Downing Road Tributary, Drive-In Tributary, Quarry Tributary, Parkers Mill Tributary, East I-75 Tributary, US Route 60 Tributary, Cave Creek, Waveland Museum Tributary, I-75 Tributary upstream of Interstate 75 and South Elkhorn Creek upstream of US Route 60 and downstream of Higbee Mill Road	9/3/92	GRW Engineers, Inc	EMW-89-C-2825	9/1990	Lexington-Fayette Urban County Government

7.2 Community Meetings

The dates of the community meetings held for this FIS project and any previous FIS projects are shown in Table 30. These meetings may have previously been referred to by a variety of names (Community Coordination Officer (CCO), Scoping, Discovery, etc.), but all meetings represent opportunities for FEMA, community officials, study contractors, and other invited guests to discuss the planning for and results of the project.

Table 30: Community Meetings

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Lexington-Fayette Urban County Government	TBD	9/12/2012	Discovery	Representatives of FEMA, KDOW, U.S. Army Corps of Engineers (Huntington District), the study contractor, and local community officials
		11/3/2015, 11/4/2015	Flood Risk Review Meeting	Representatives of FEMA, KDOW, USGS, AECOM, Stantec, Bluegrass ADD, and local community officials
			Resilience	TBD
			CCO Open House	TBD

SECTION 8.0 – ADDITIONAL INFORMATION

Information concerning the pertinent data used in the preparation of this FIS Report can be obtained by submitting an order with any required payment to the FEMA Engineering Library. For more information on this process, see http://www.fema.gov.

Table 31 is a list of the locations where FIRMs for Fayette County can be viewed. Please note that the maps at these locations are for reference only and are not for distribution. Also, please note that only the maps for the community listed in the table are available at that particular repository. A user may need to visit another repository to view maps from an adjacent community.

Table 31: Map Repositories

Community	Address	City	State	Zip Code
Lexington-Fayette Urban County Government	12th Floor, Lexington-Fayette Urban County Government Center 200 East Main Street	Lexington	KY	40507

The National Flood Hazard Layer (NFHL) dataset is a compilation of effective FIRM databases and LOMCs. Together they create a GIS data layer for a State or Territory. The NFHL is updated as studies become effective and extracts are made available to the public monthly. NFHL data can be viewed or ordered from the website shown in Table 32.

Table 32 contains useful contact information regarding the FIS Report, the FIRM, and other relevant flood hazard and GIS data. In addition, information about the state NFIP Coordinator and GIS Coordinator is shown in this table. At the request of FEMA, each Governor has designated an agency of State or territorial government to coordinate that State's or territory's NFIP activities. These agencies often assist communities in developing and adopting necessary floodplain management measures. State GIS Coordinators are knowledgeable about the availability and location of state and local GIS data in their state.

Table 32: Additional Information

FEMA and the NFIP	
FEMA and FEMA Engineering Library website	http://www.fema.gov
NFIP website	http://www.fema.gov/national-flood-insurance-program
NFHL Dataset	http://msc.fema.gov
FEMA Region IV	Federal Regional Office, 3003 Chamblee Tucker Rd, Atlanta, GA 30341 (770) 220-5200
Other Federal Agencies	
USGS website	http://www.usgs.gov
Hydraulic Engineering Center website	http://www.hec.usace.army.mil

Table 32: Additional Information

State Agencies and Organizations	
State NFIP Coordinator	Alex J. VanPelt Environmental Scientist IV Floodplain Management Branch Kentucky Division of Water 200 Fair Oaks Lane Frankfort, KY 40601 (502) 564-3410 alex.vanpelt@ky.gov
State GIS Coordinator	Kent Anness Kentucky Division of Geographic Information 100 Fair Oaks Frankfort, KY 40601 (502) 564-6268 kent.anness@ky.gov
Statewide Regulatory Coordinator	Carey Johnson Coordinating Technical Program Manager Kentucky Division of Water 200 Fair Oaks Lane Frankfort, KY 40601 (502) 564-3410 Carey.Johnson@ky.gov

SECTION 9.0 – BIBLIOGRAPHY AND REFERENCES

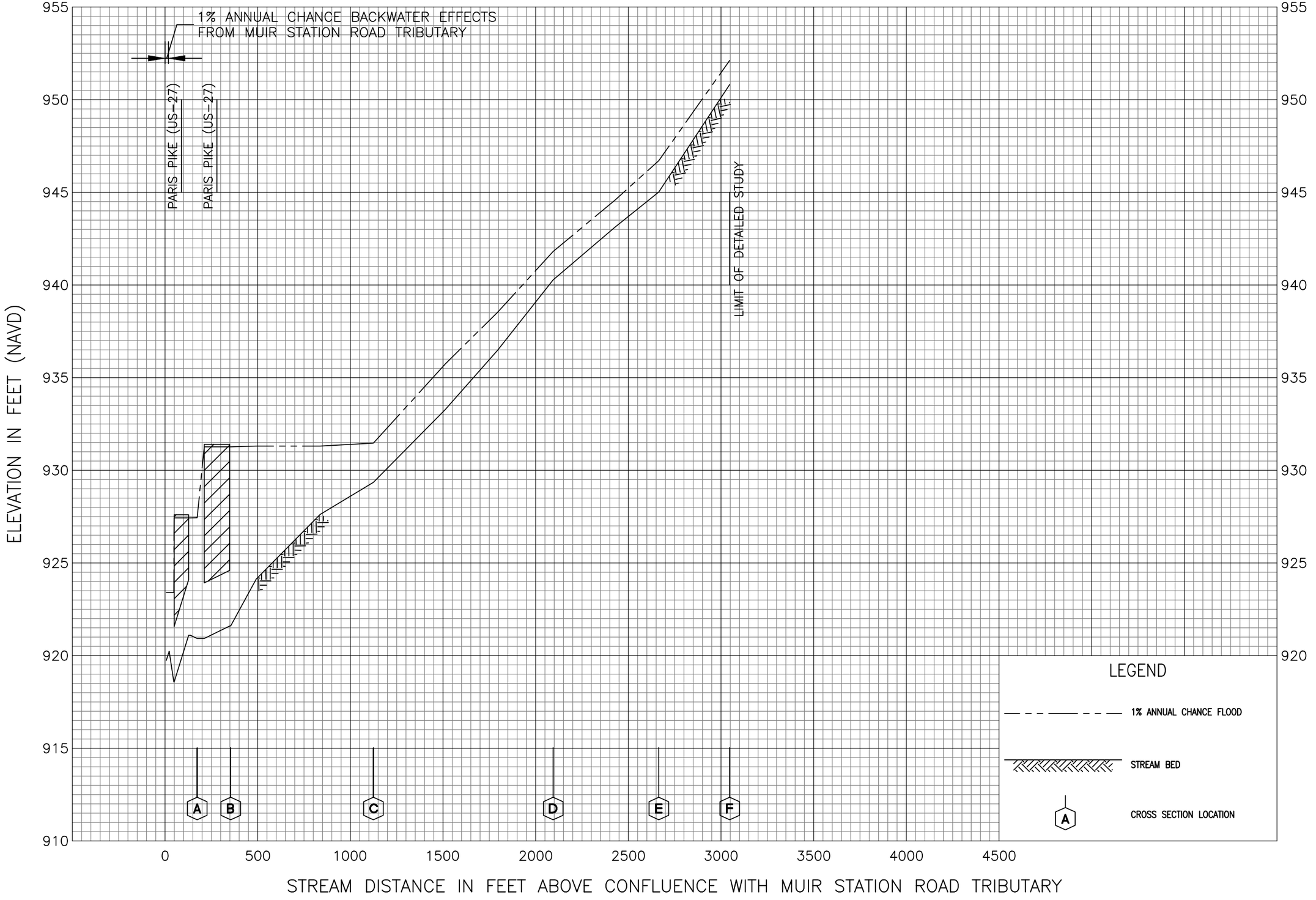
Table 33 includes sources used in the preparation of and cited in this FIS Report as well as additional studies that have been conducted in the study area.

Table 33: Bibliography and References

Citation in this FIS	Publisher/ Issuer	*Publication Title,* "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
CED 2009	Cabinet for Economic Development	"Kentucky Quick Facts"			2009	http://www.thinkkentucky.com
Fayette 2014	Federal Emergency Management Agency	Flood Insurance Study, Lexington-Fayette Urban County Government (All Jurisdictions)		Washington D.C.	3-Mar-2014	
Fayette 2008	Federal Emergency Management Agency	Flood Insurance Study, Fayette County, Kentucky and Incorporated Areas		Washington D.C.	17-Sep-2008	
Fayette 1992	Federal Emergency Management Agency	Flood Insurance Study, Fayette County, Kentucky and Incorporated Areas		Washington D.C.	3-Sep-1992	
USACE 1984	U.S. Army Corps of Engineers	HEC-2 Water-Surface Profiles Generalized Computer Program	Hydrologic Engineering Center	Davis, California	Apr-84	
USACE 2004	U.S. Army Corps of Engineers	HEC-RAS "River Analysis System" Version 3.1.2	Hydrologic Engineering Center	Davis, California	Apr-04	
USACE 2010	U.S. Army Corps of Engineers	HEC-RAS "River Analysis System" Version 4.1.0	Hydrologic Engineering Center	Davis, California	Jan-10	

Table 33: Bibliography and References

Citation in this FIS	Publisher/ Issuer	*Publication Title,* "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
USGS 2003	U.S. Geological Survey	"Estimating the Magnitude of Peak Flows for Streams in Kentucky for Selected Recurrence Intervals." Water Resources Investigations Report 03-4180, 68 p.	Hodgkins, G.A. and Martin, G.R.		2003	



FLOOD PROFILES

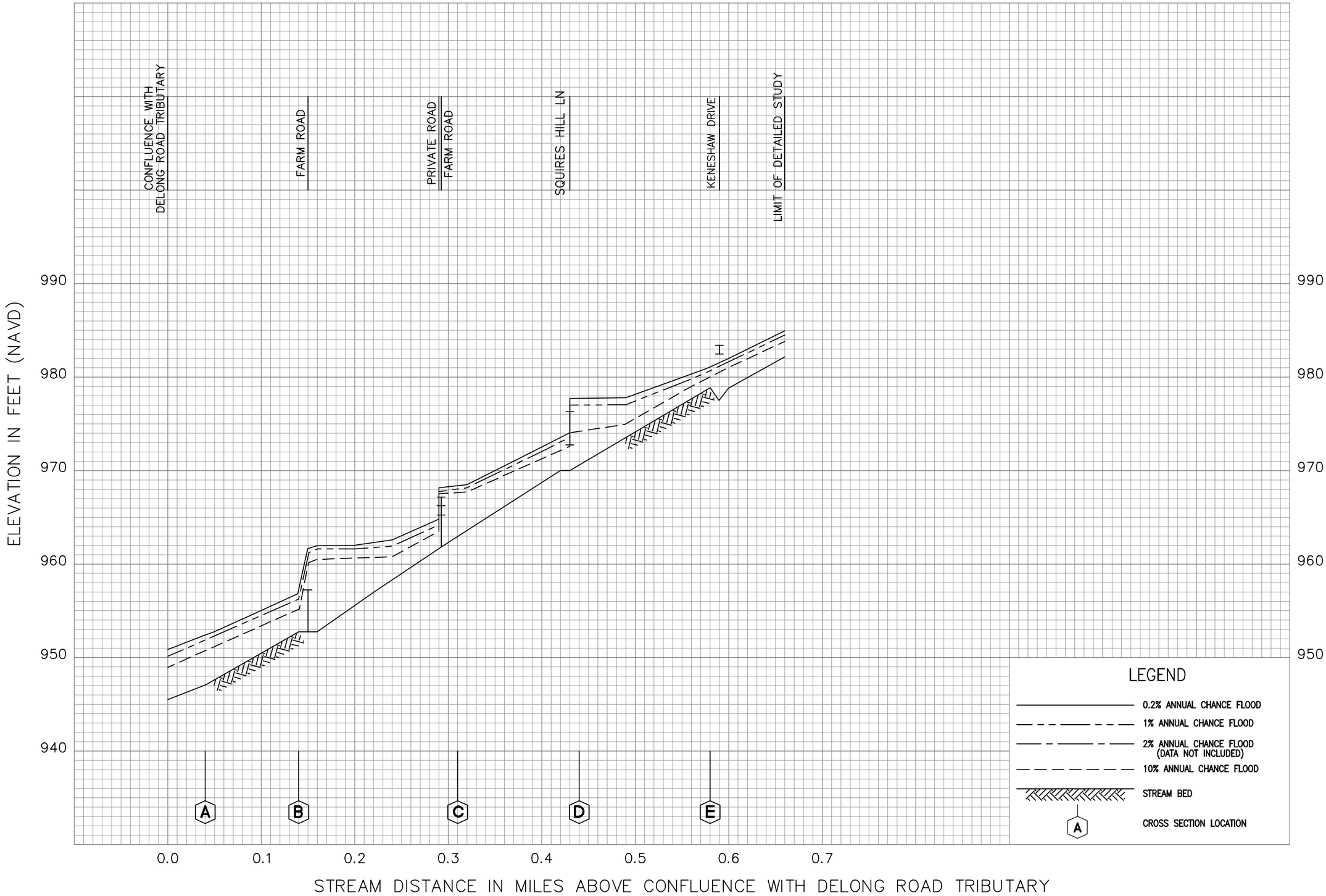
ANTIOCH CHURCH TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY
LEXINGTON-FAYETTE URBAN COUNTY
GOVERNMENT, KENTUCKY

01P

FLOOD PROFILES

ARMSTRONG MILL ROAD TRIBUTARY



FEDERAL EMERGENCY MANAGEMENT AGENCY
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

02P

1% ANNUAL CHANCE BACKWATER EFFECTS FROM NORTH ELKHORN CREEK

PRIVATE DRIVE
BEBOPPER WAY
BRYAN STATION RD
CONFLUENCE OF HOWARD GROVE TRIB.
PRIVATE DRIVE
WALNUT STATION RD
MUIR STATION RD
PRIVATE DRIVE
PRIVATE DRIVE
CONFLUENCE OF AVON TRIBUTARY 1

ELEVATION IN FEET (NAVD)

940
930
920
910
900
890
880
870
860
850

0 2000 4000 6000 8000 10000 12000 14000 16000 18000 20000 22000 24000 26000

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH NORTH ELKHORN CREEK

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD AE

LEGEND

1% ANNUAL CHANCE FLOOD

STREAM BED

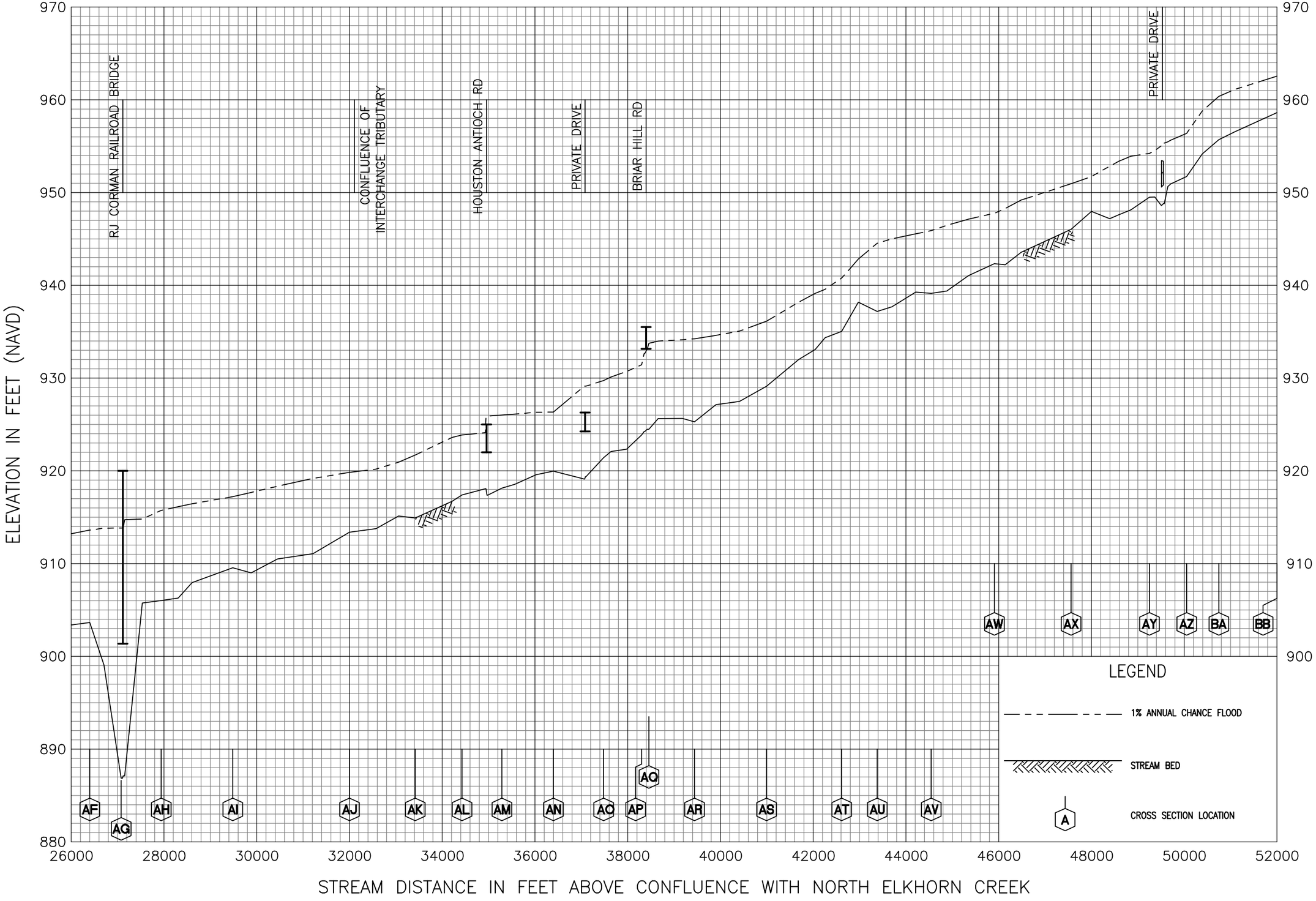
A CROSS SECTION LOCATION

FLOOD PROFILES

AVON TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

03P

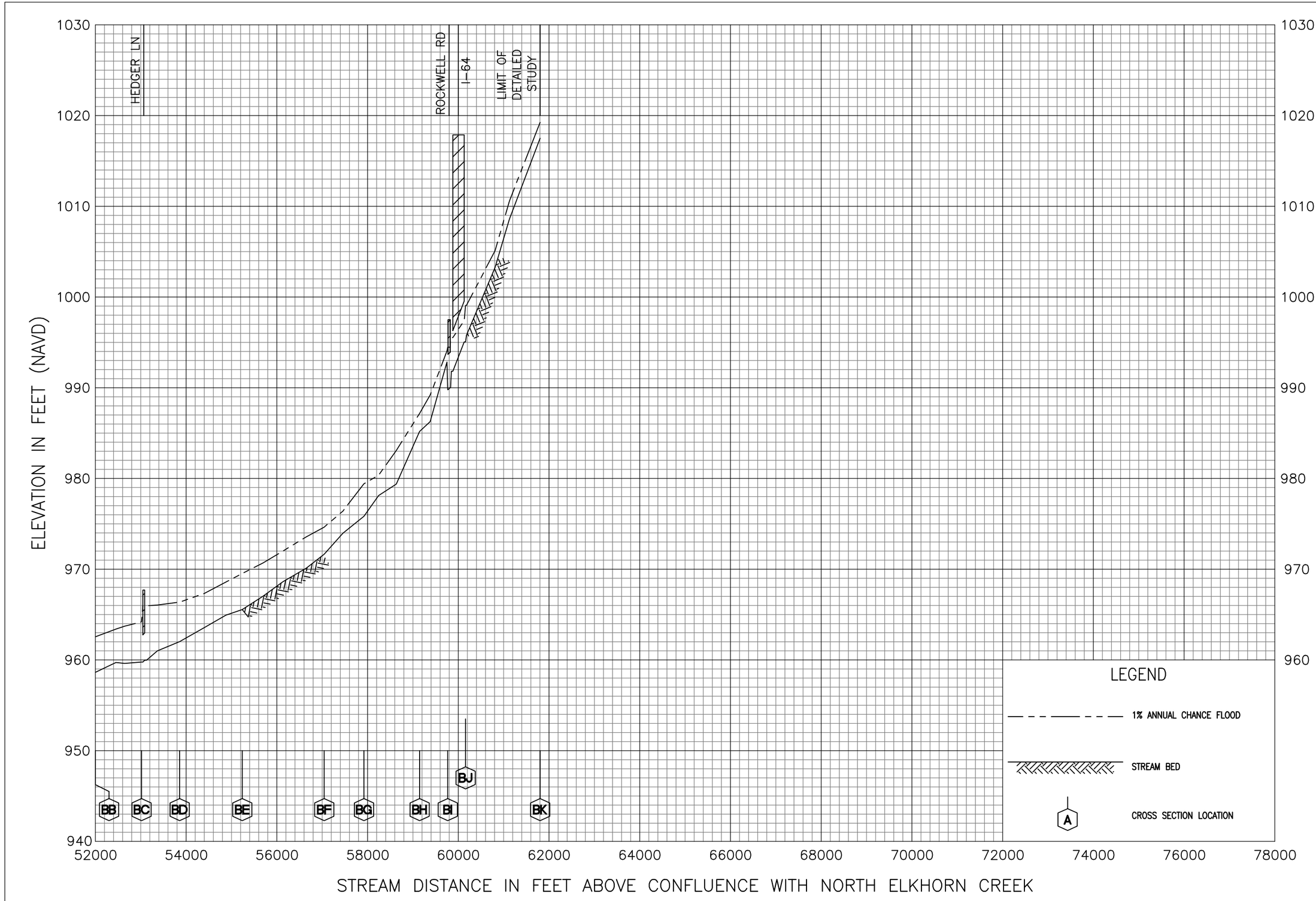


FLOOD PROFILES

AVON TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

04P



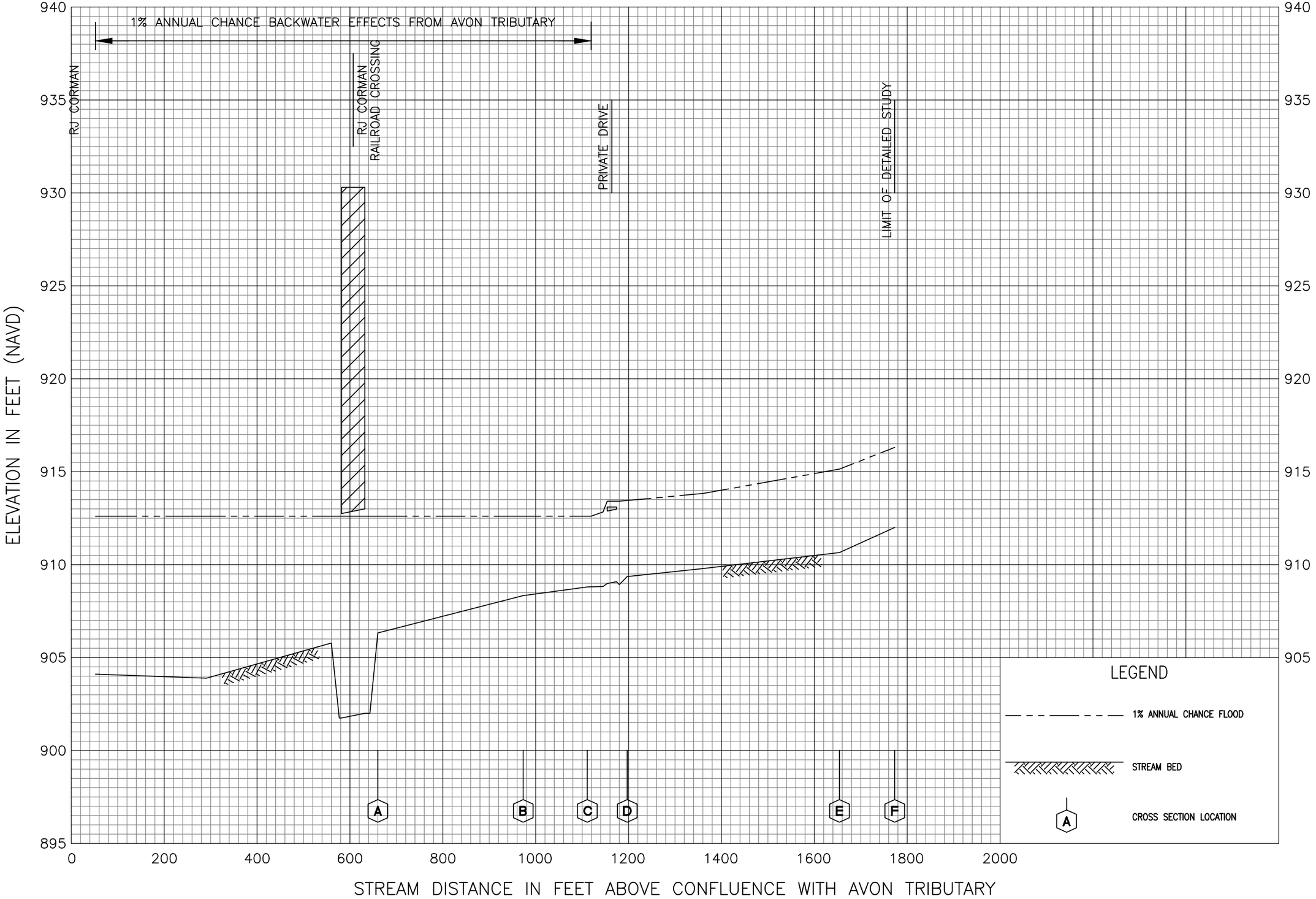
FLOOD PROFILES

AVON TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

05P



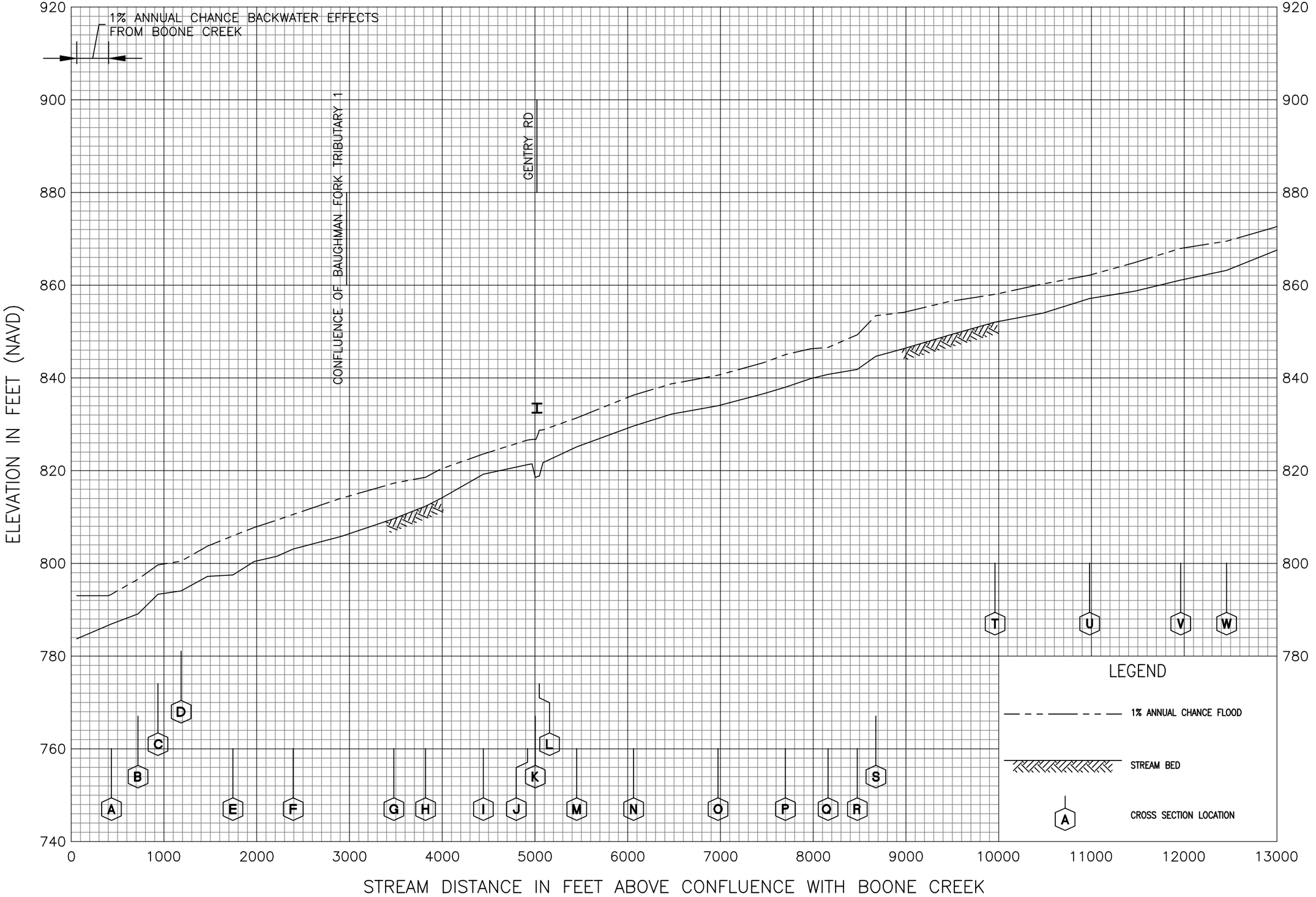
FLOOD PROFILES

AVON TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

06P



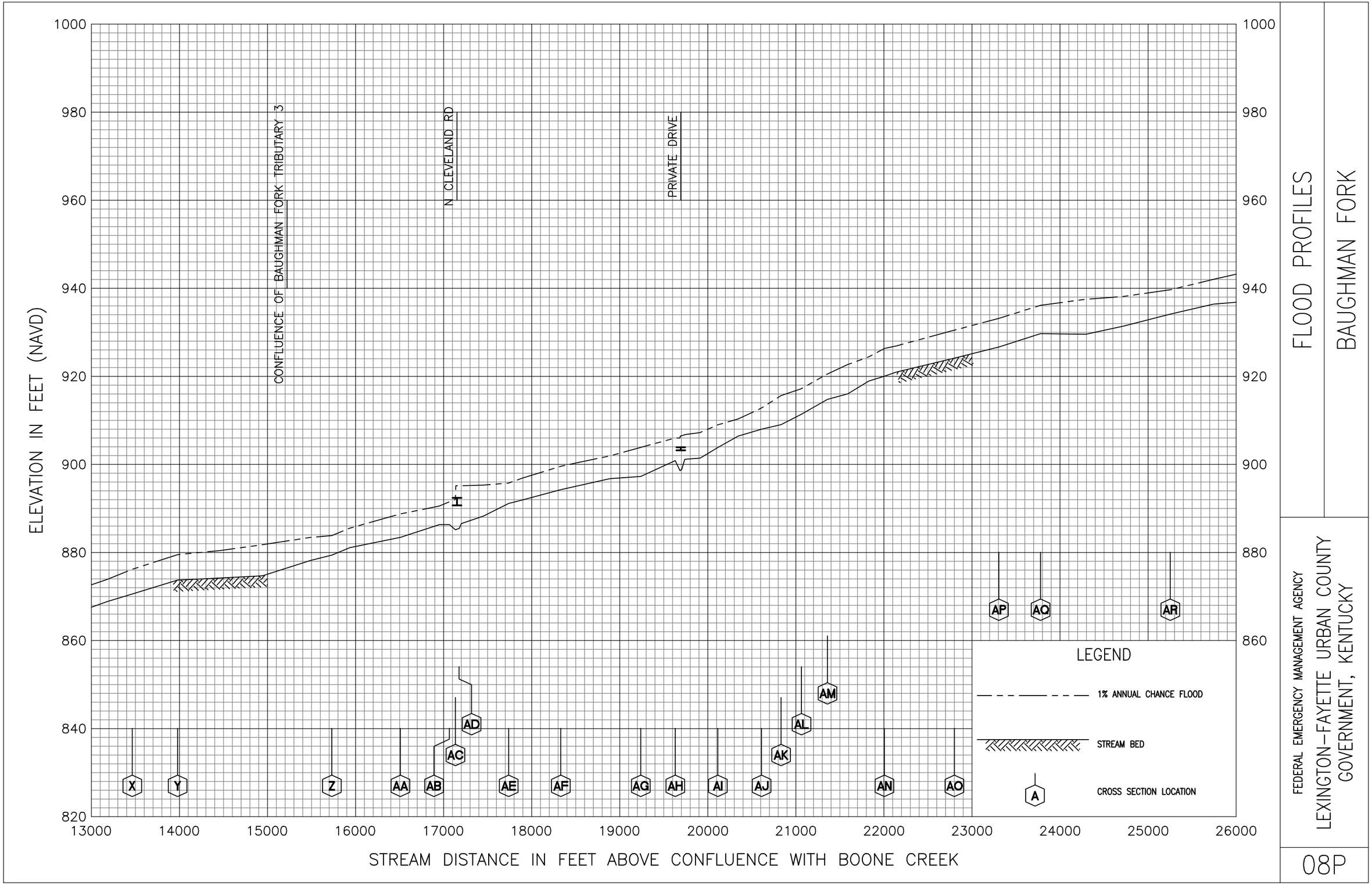
FLOOD PROFILES

BAUGHMAN FORK

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

07P



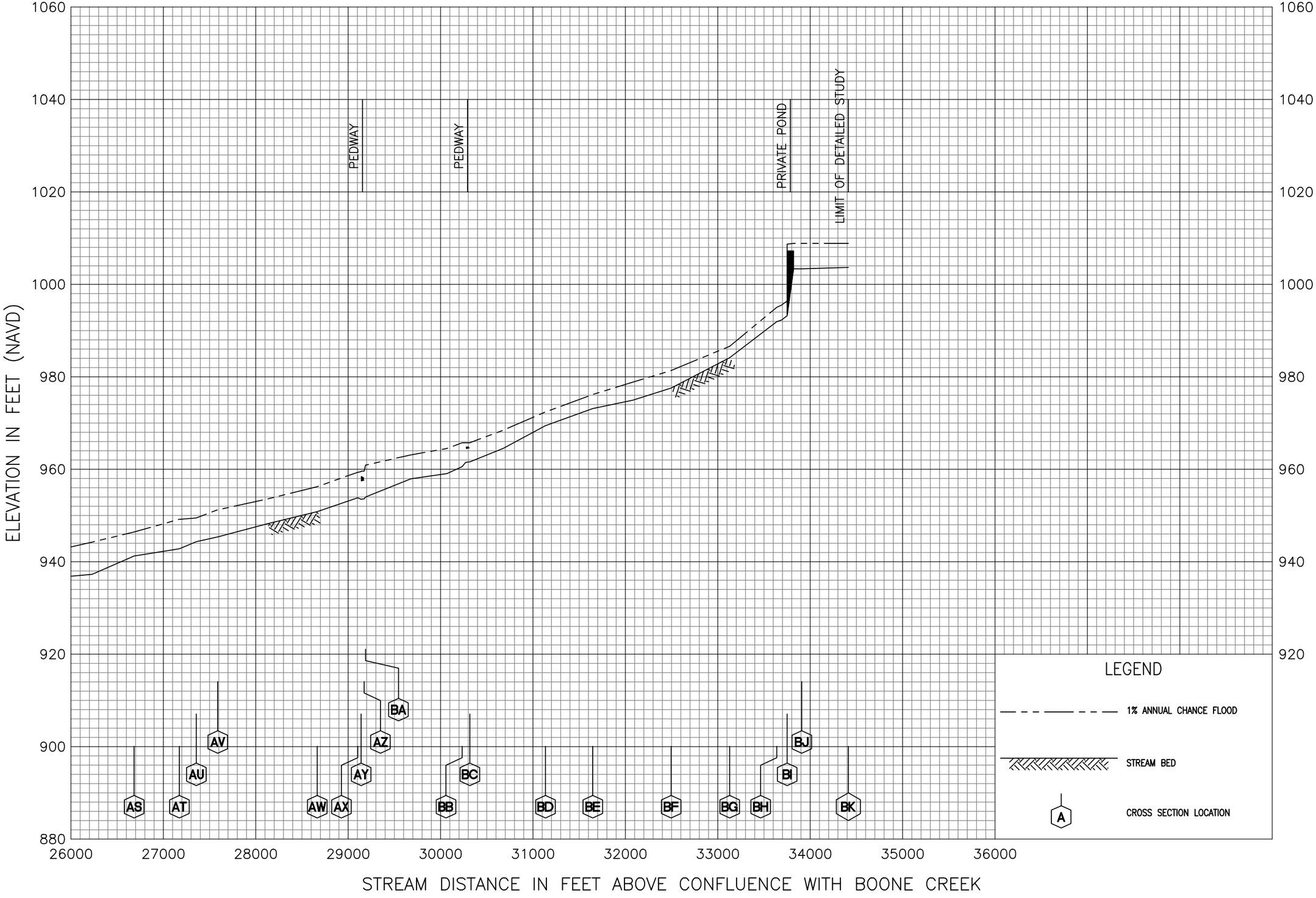
FLOOD PROFILES

BAUGHMAN FORK

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

08P



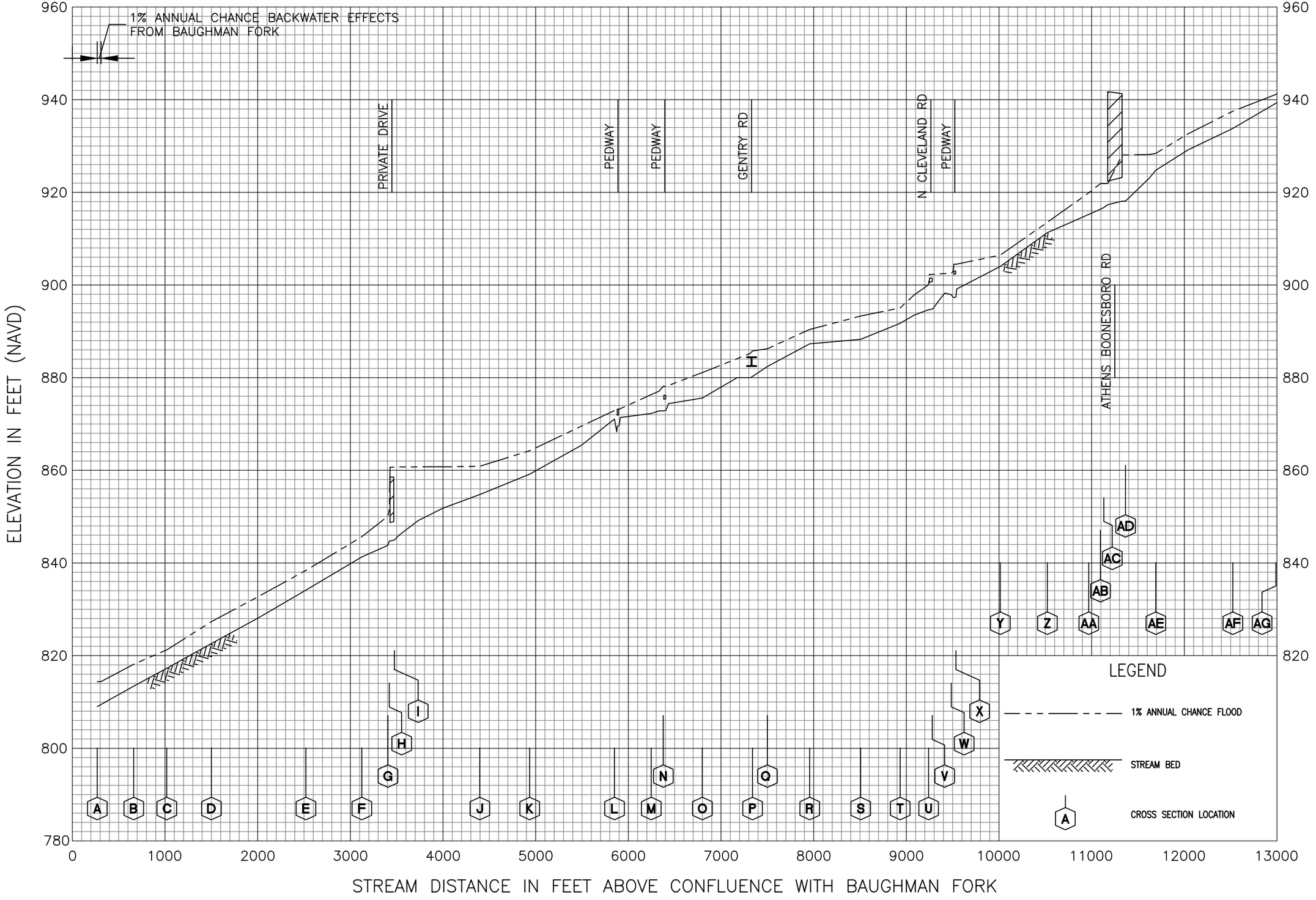
FLOOD PROFILES

BAUGHMAN FORK

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

09P

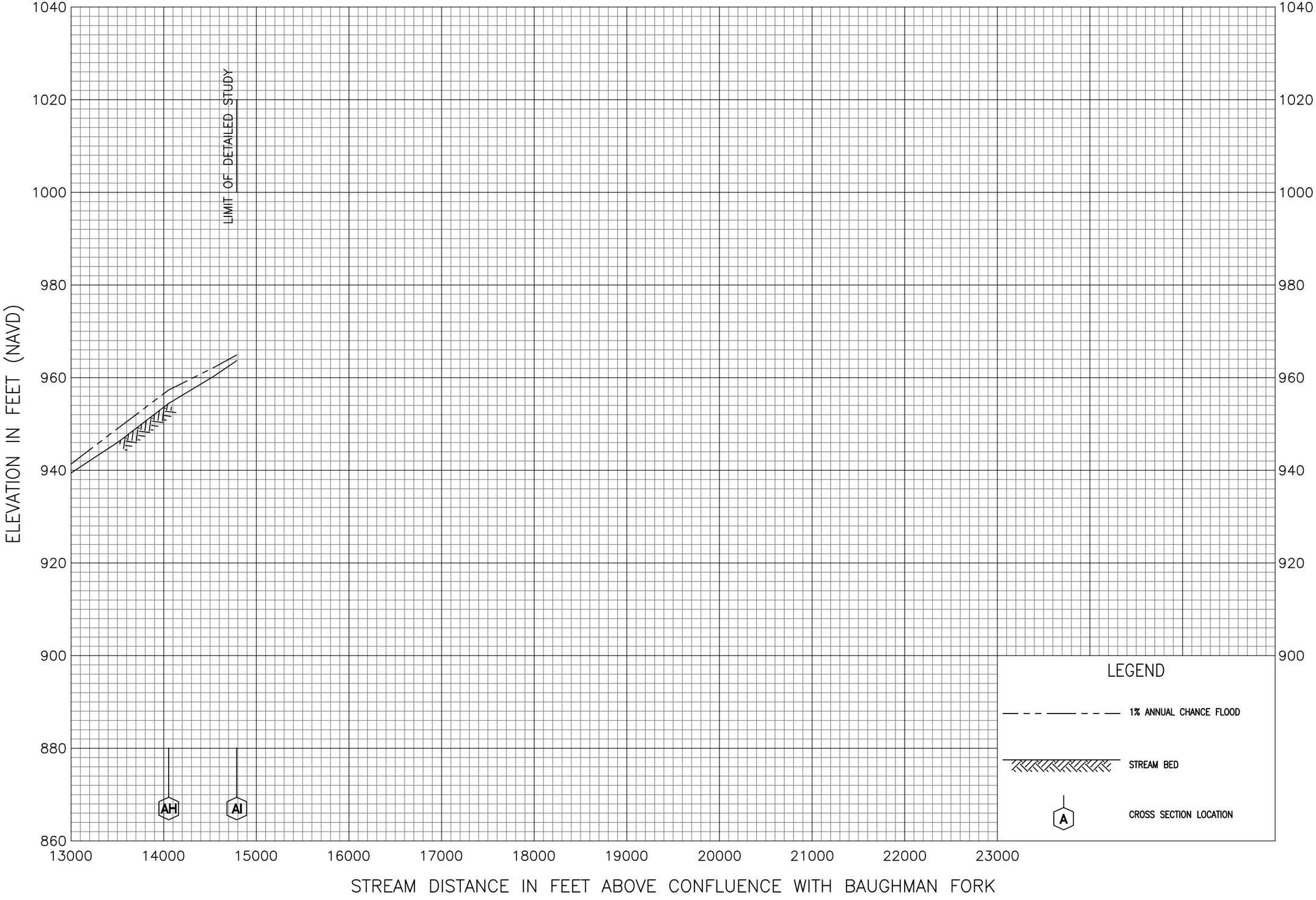


FLOOD PROFILES

BAUGHMAN FORK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

10P

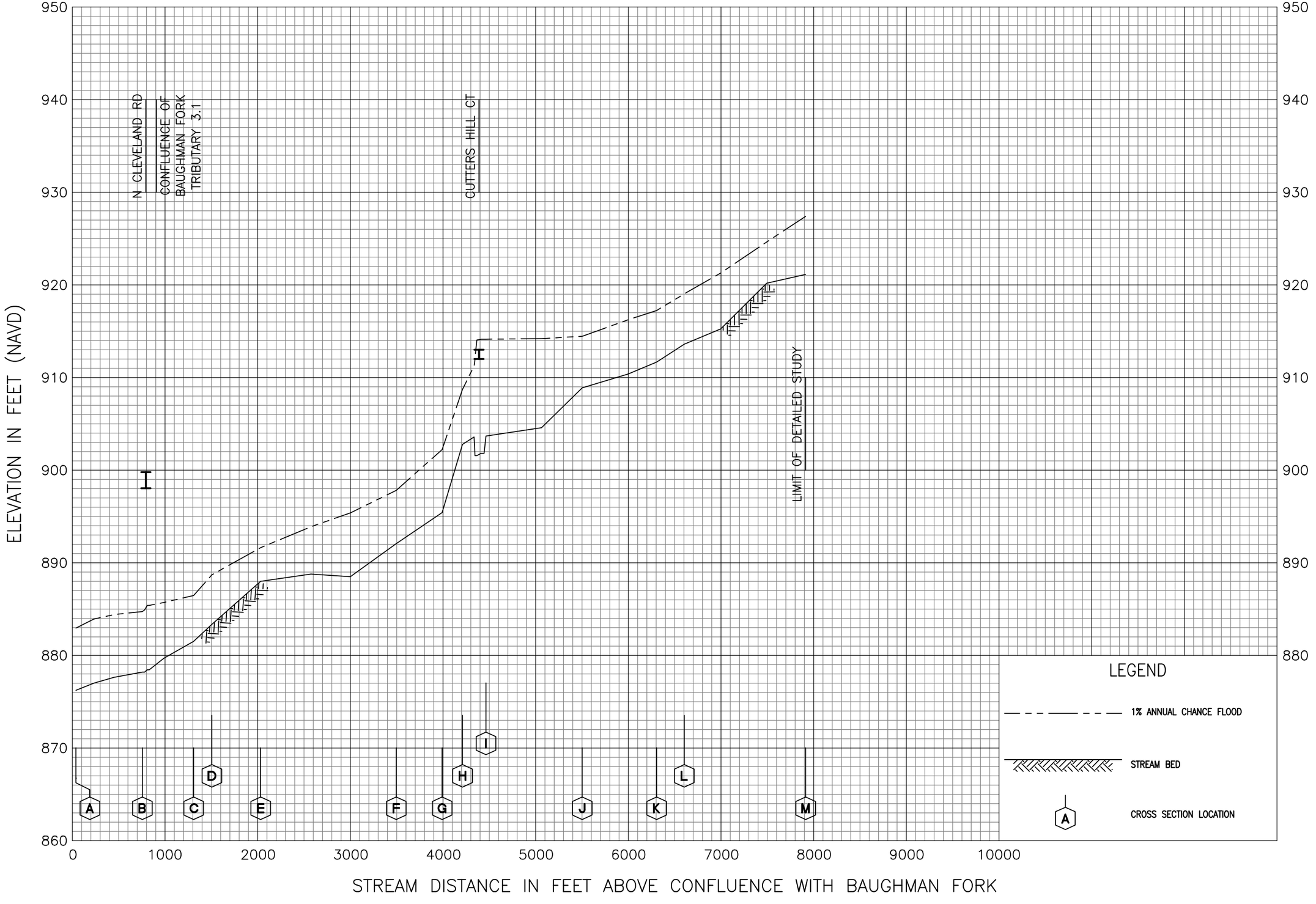


FLOOD PROFILES

BAUGHMAN FORK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

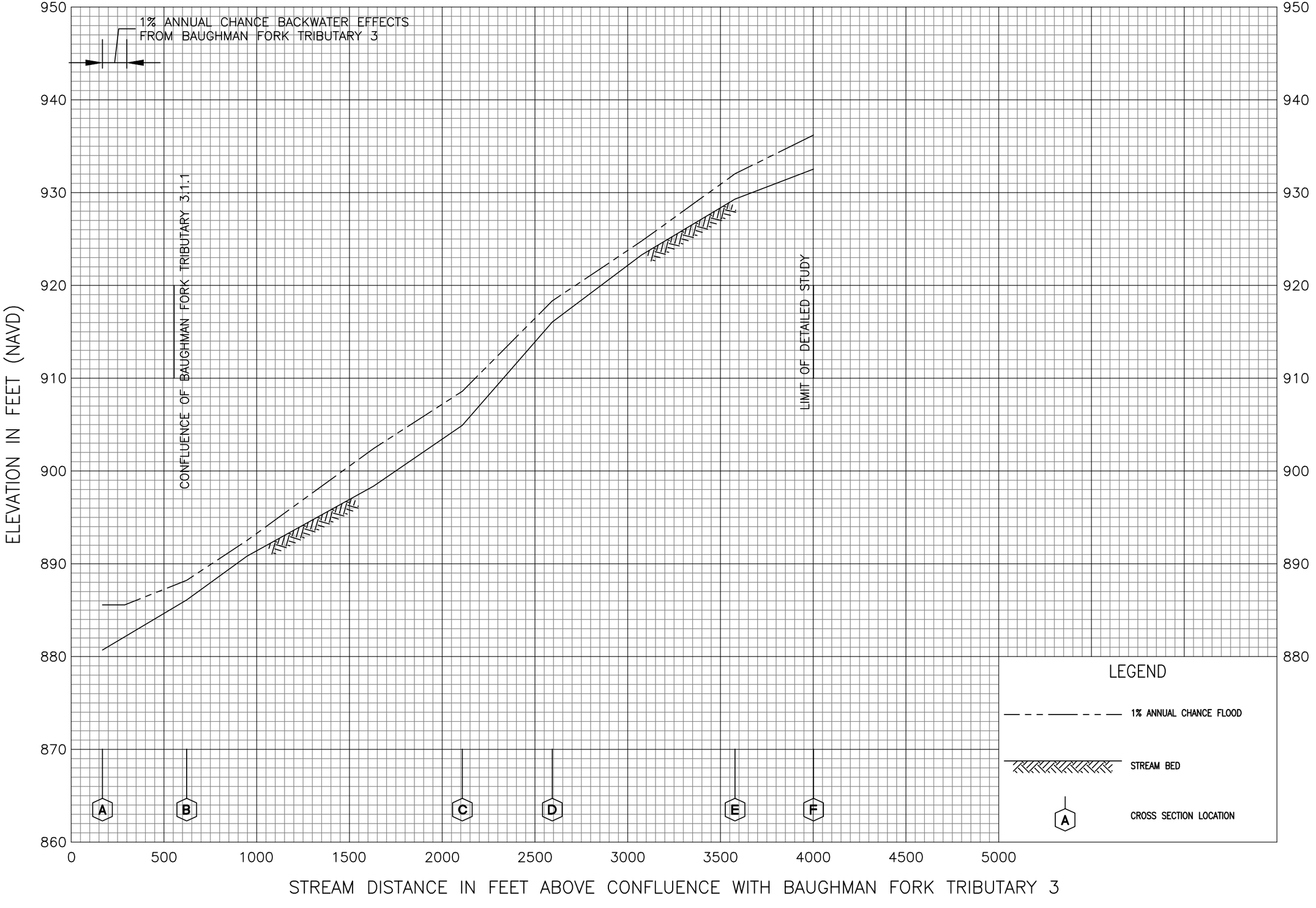


FLOOD PROFILES

BAUGHMAN FORK TRIBUTARY 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY



FLOOD PROFILES

BAUGHMAN FORK TRIBUTARY 3.1

FEDERAL EMERGENCY MANAGEMENT AGENCY
LEXINGTON-FAYETTE URBAN COUNTY
GOVERNMENT, KENTUCKY

13P

ELEVATION IN FEET (NAVD)

950
940
930
920
910
900
890
880
870
860

0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH BAUGHMAN FORK TRIBUTARY 3.1

LIMIT OF DETAILED STUDY

A B C D E F G H

LEGEND

1% ANNUAL CHANCE FLOOD

STREAM BED

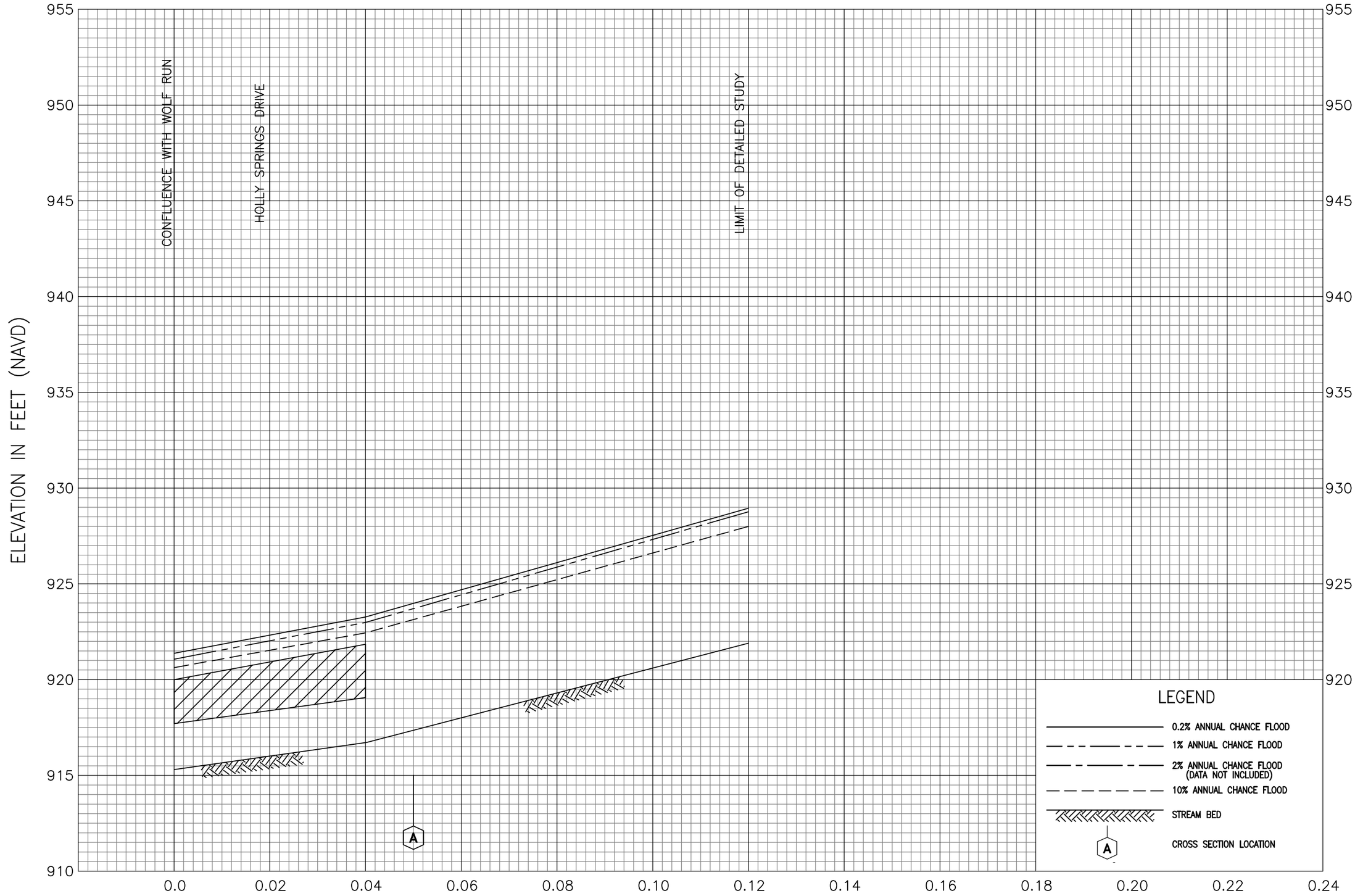
A CROSS SECTION LOCATION

FLOOD PROFILES

BAUGHMAN FORK TRIBUTARY 3.1.1

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

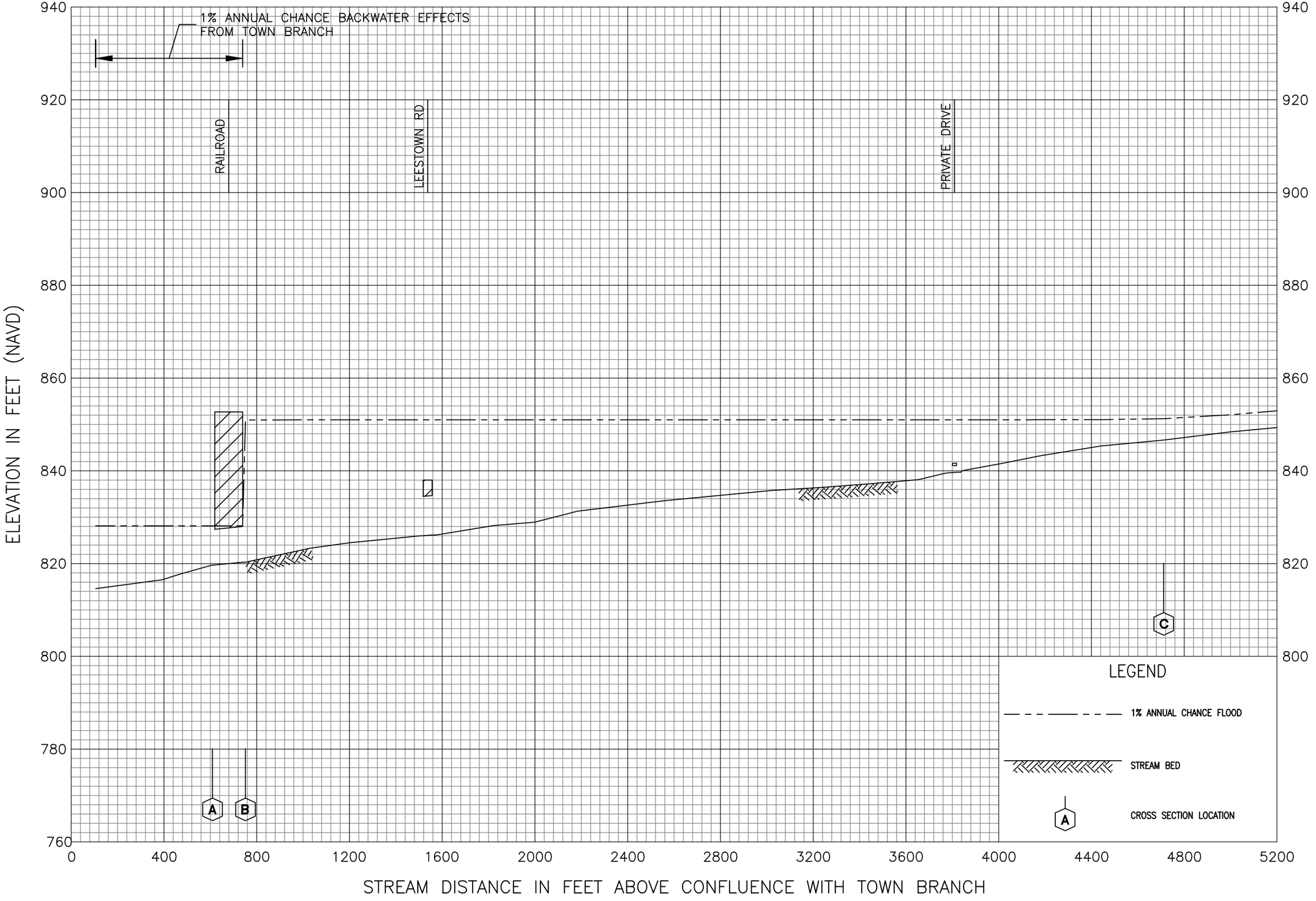


FLOOD PROFILES

BEACON HILL TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY



FLOOD PROFILES

BETHEL ROAD TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

16P

ELEVATION IN FEET (NAVD)

980
960
940
920
900
880
860
840
820
800

BETHEL RD
PRIVATE DRIVE
PEDWAY
PRIVATE DRIVE
N YARNALLTON PIKE
PRIVATE POND
PRIVATE DRIVE

I
II

D E F G H I J K L M N O P Q R

LEGEND

1% ANNUAL CHANCE FLOOD

STREAM BED

A CROSS SECTION LOCATION

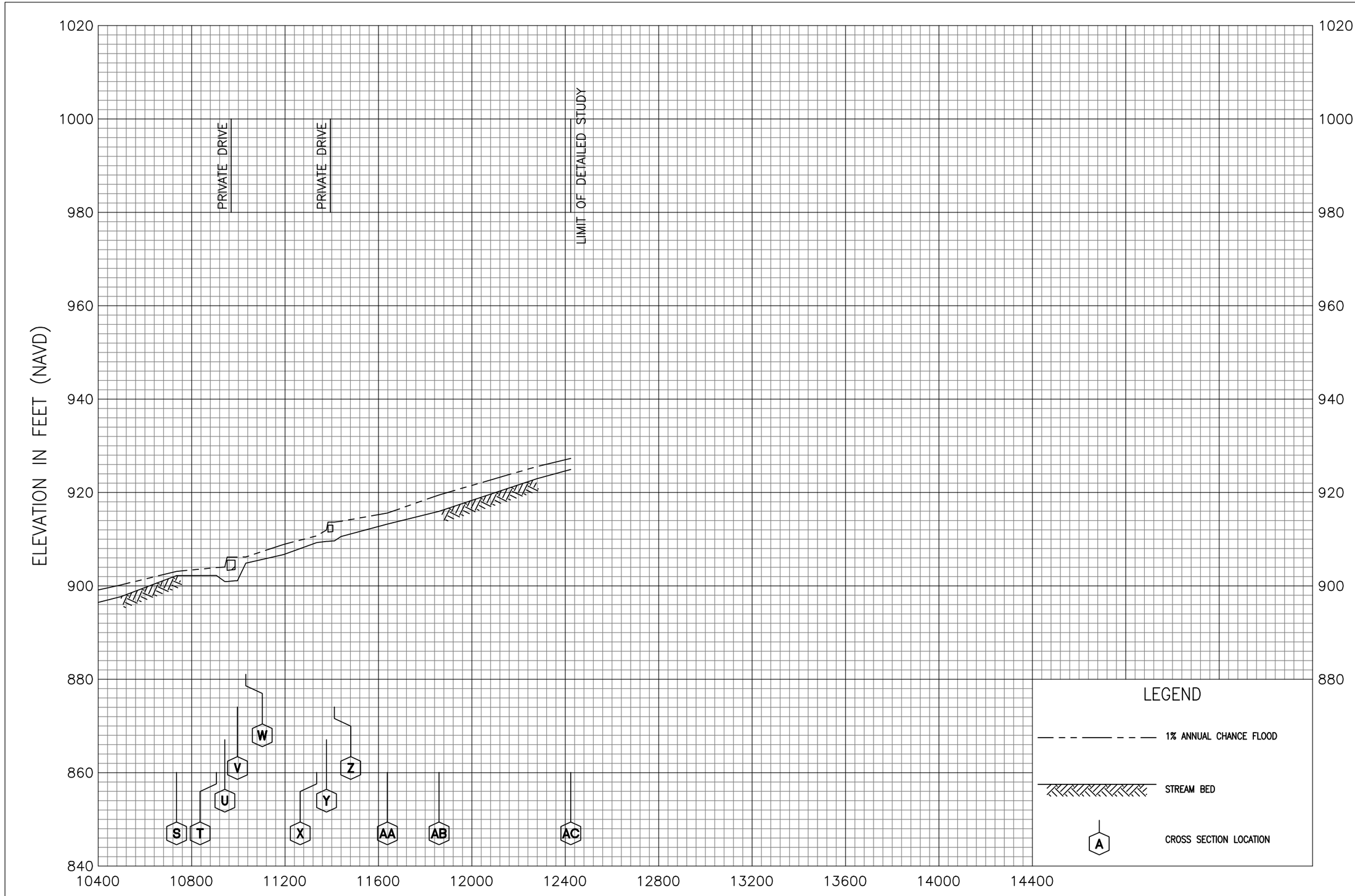
5200 5600 6000 6400 6800 7200 7600 8000 8400 8800 9200 9600 10000 10400

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH TOWN BRANCH

FLOOD PROFILES

BETHEL ROAD TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY



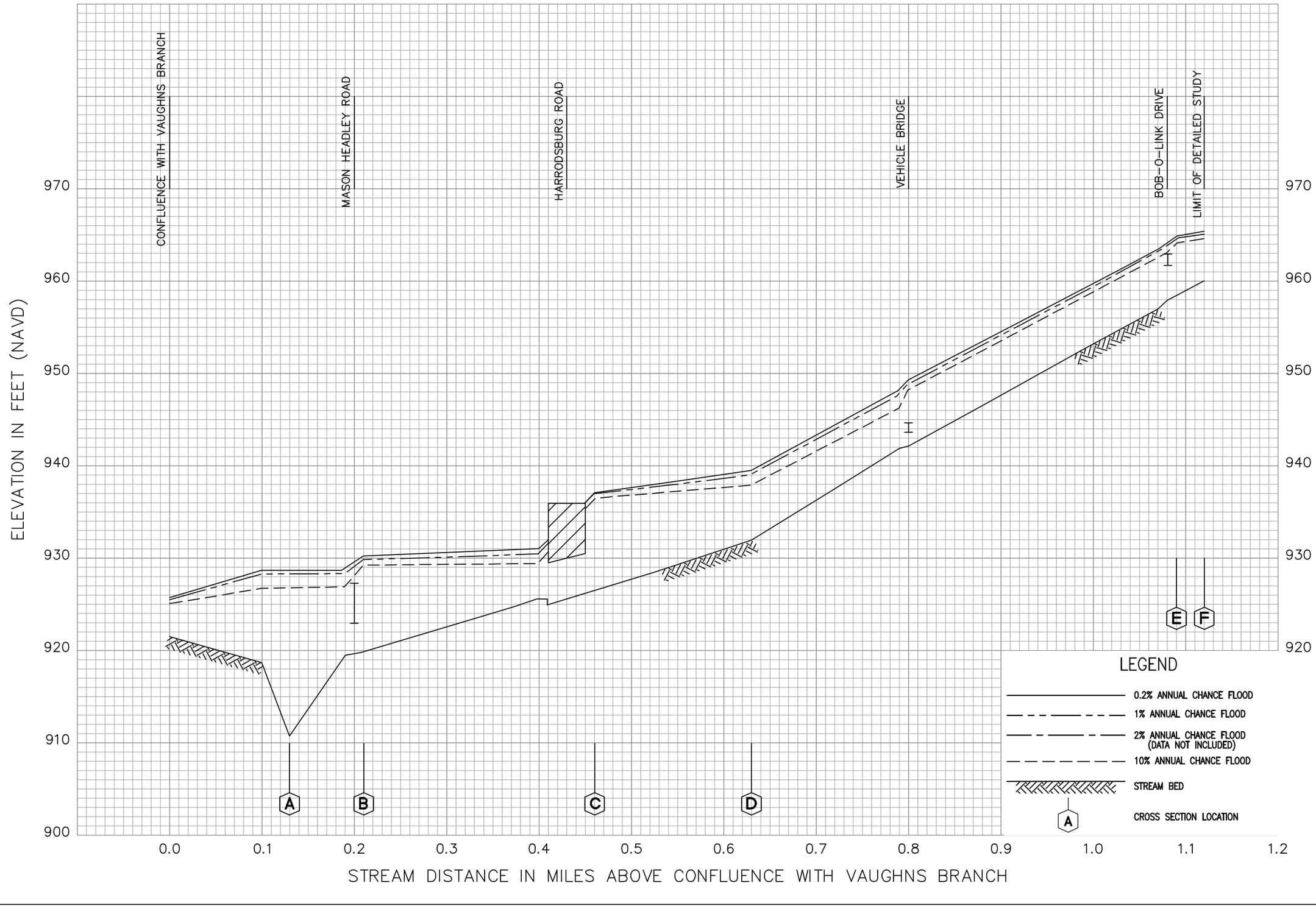
FLOOD PROFILES

BETHEL ROAD TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

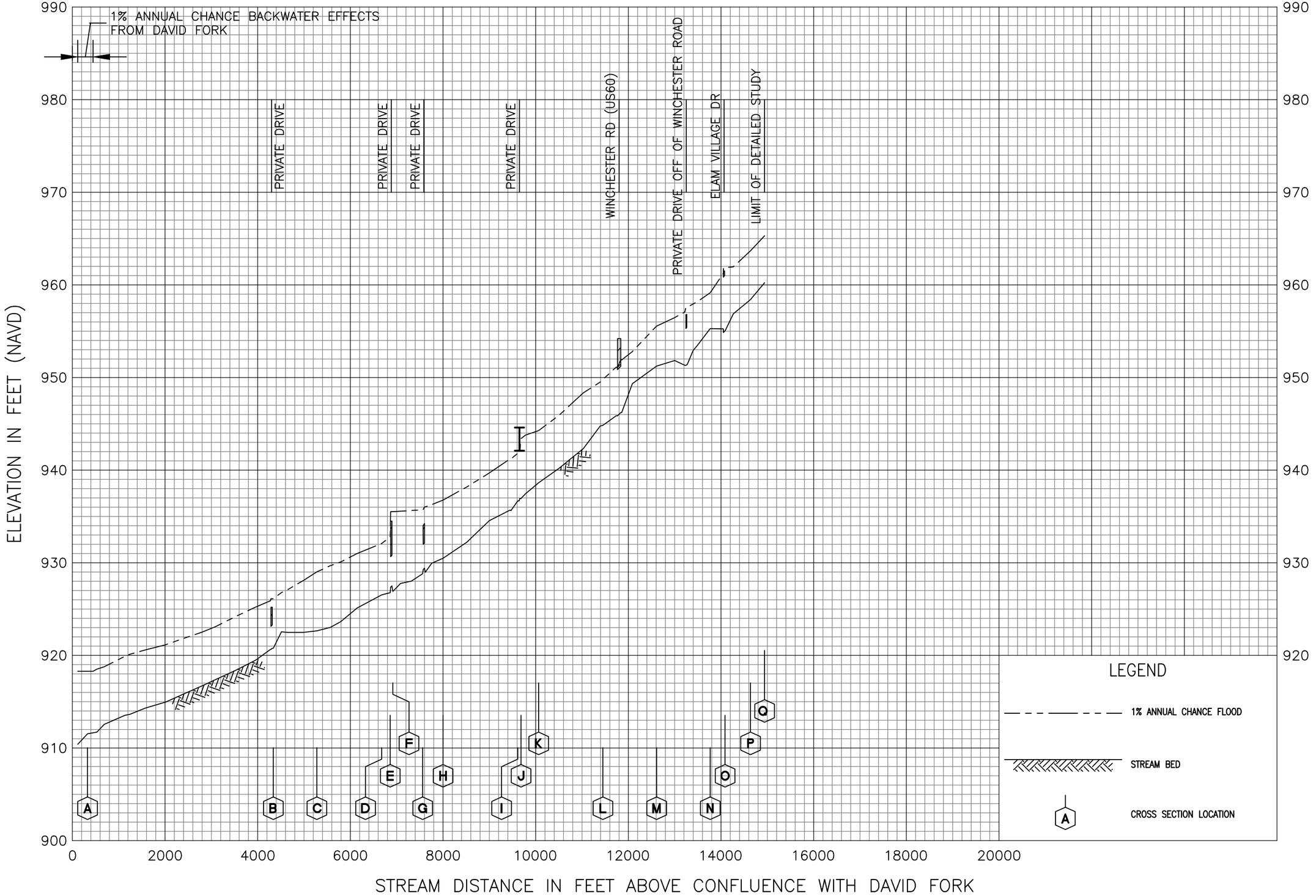
18P



FLOOD PROFILES

BIG ELM TRIBUTARY

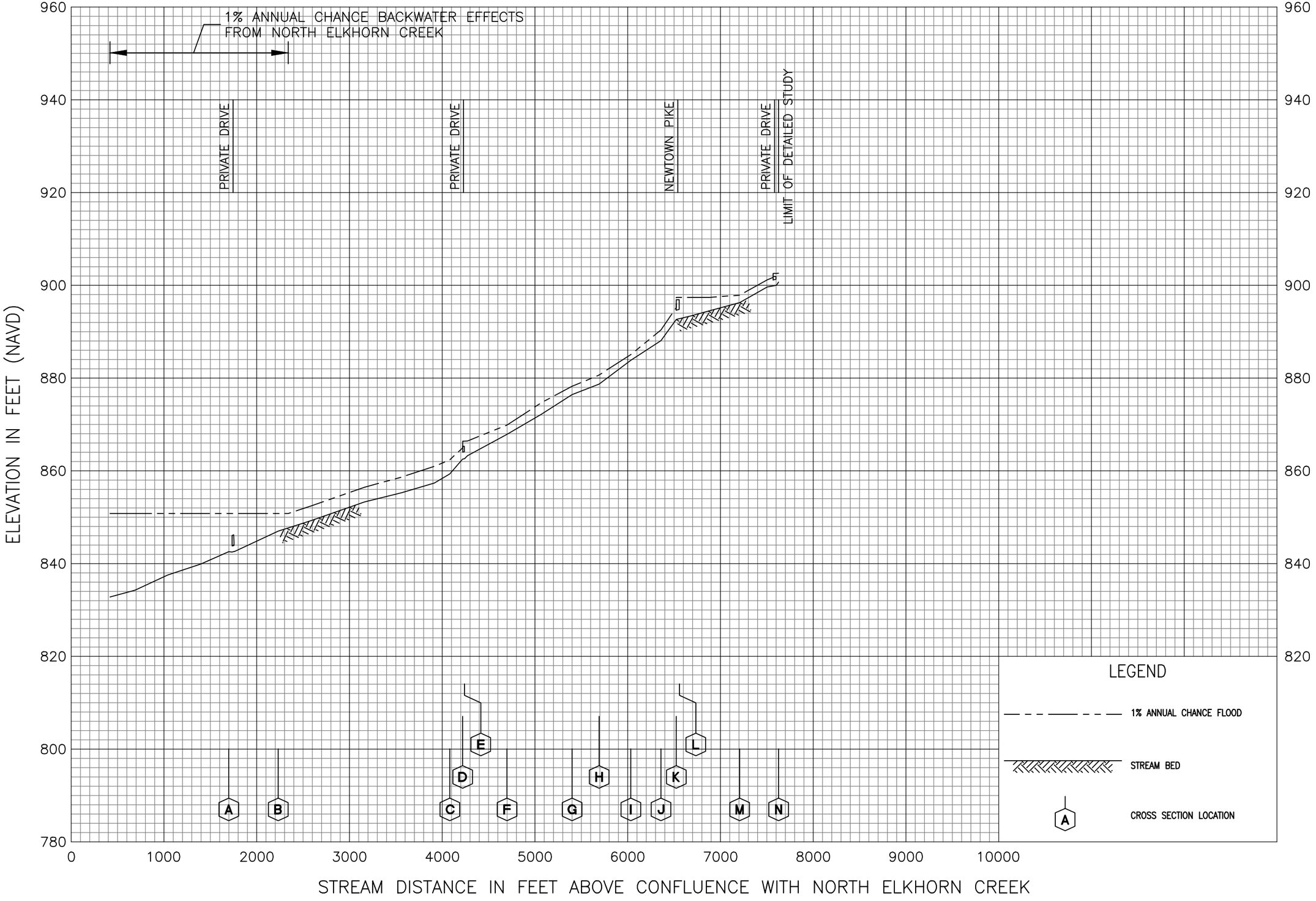
FEDERAL EMERGENCY MANAGEMENT AGENCY
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY



FLOOD PROFILES

BIG TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY



FLOOD PROFILES

BM 897 TRIBUTARY

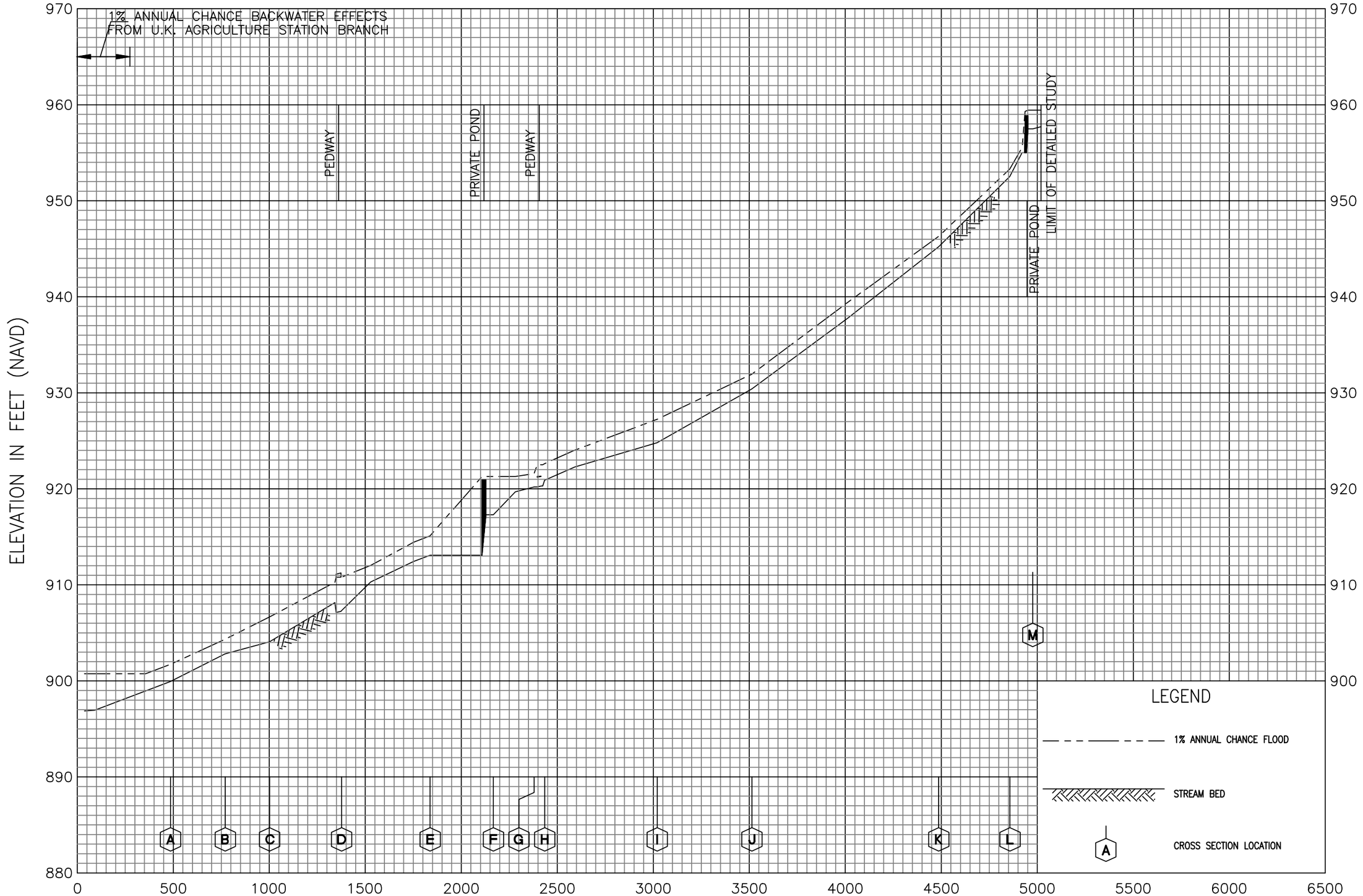
FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

21P

FLOOD PROFILES

BM 907–39 TRIBUTARY



FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON–FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

1% ANNUAL CHANCE BACKWATER EFFECTS FROM BOONE CREEK

MCCALLS MILL RD

ELEVATION IN FEET (NAVD)

840
820
800
780
760
740
720
700
680
660

0 750 1500 2250 3000 3750 4500 5250 6000 6750 7500 8250 9000 9750

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH BOONE CREEK

A B C D E F G H I J K L M N O P Q R S

LEGEND

1% ANNUAL CHANCE FLOOD

STREAM BED

A CROSS SECTION LOCATION

FLOOD PROFILES

BOGGS FORK

FEDERAL EMERGENCY MANAGEMENT AGENCY
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

ELEVATION IN FEET (NAVD)

960
940
920
900
880
860
840
820
800
780

9750
10500
11250
12000
12750
13500
14250
15000
15750
16500
17250
18000
18750
19500

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH BOONE CREEK

S CLEVELAND RD

CONFLUENCE OF BOGGS FORK TRIBUTARY 2

I-75

T U V W X Y Z AA AB AC AD AE AF

LEGEND

1% ANNUAL CHANCE FLOOD

STREAM BED

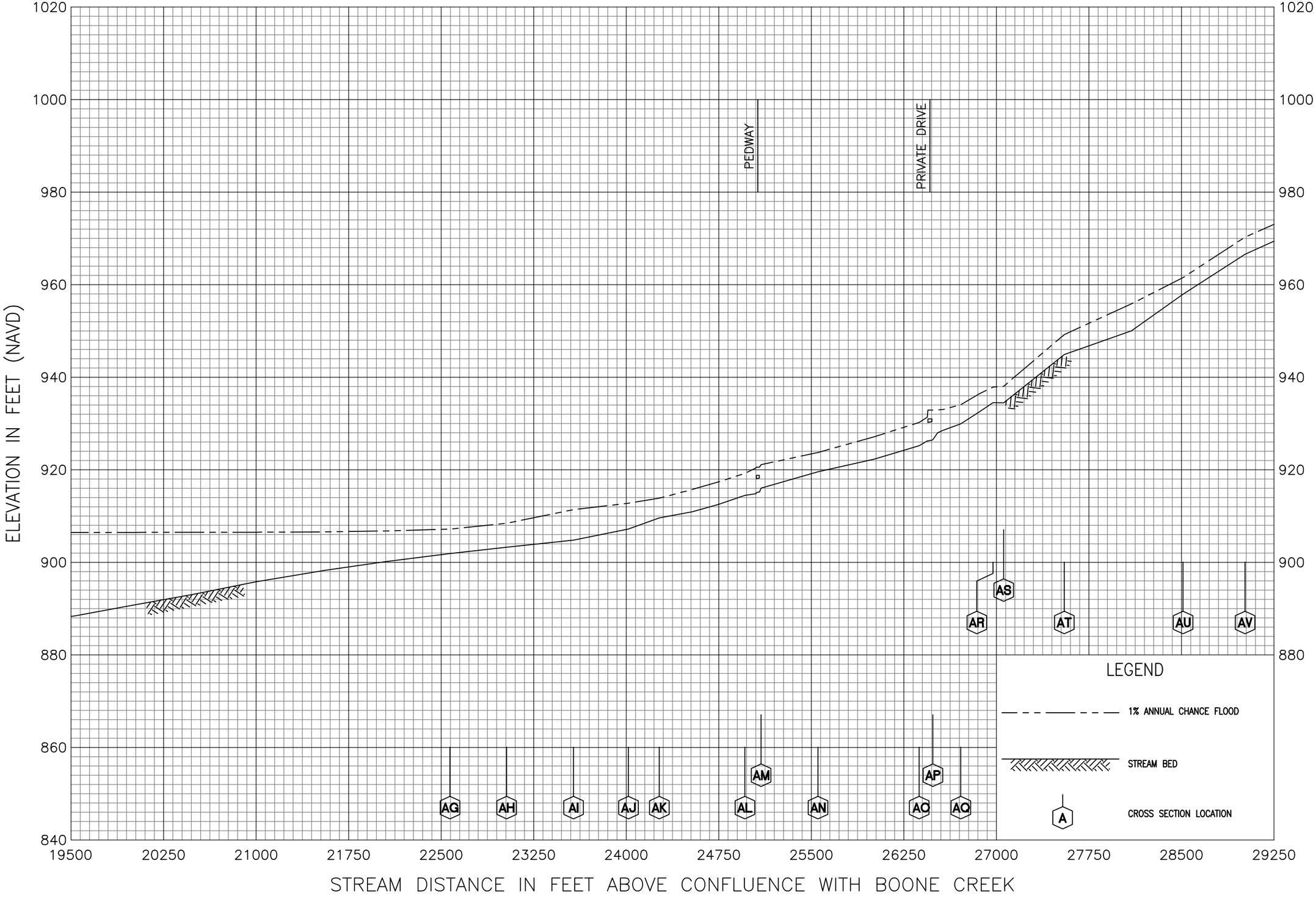
A CROSS SECTION LOCATION

FLOOD PROFILES

BOGGS FORK

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY



FLOOD PROFILES

BOGGS FORK

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

25P

ELEVATION IN FEET (NAVD)

1080
1060
1040
1020
1000
980
960
940
920
900

LIMIT OF DETAILED STUDY

AW
AX

29250 30000 30750 31500 32250 33000 33750 34500 35250 36000 36750 37500 38250 39000

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH BOONE CREEK

LEGEND

1% ANNUAL CHANCE FLOOD

STREAM BED

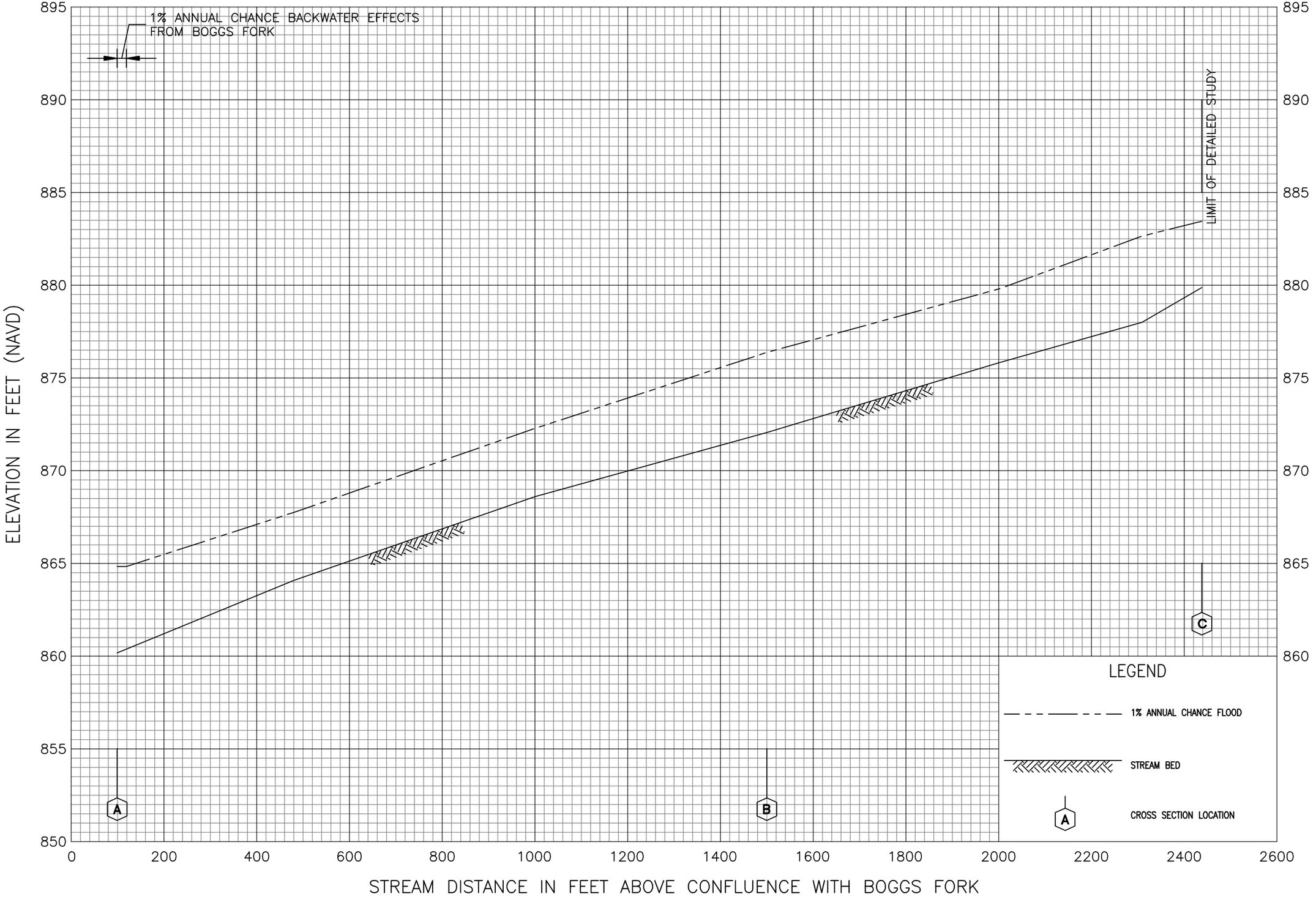
A CROSS SECTION LOCATION

FLOOD PROFILES

BOGGS FORK

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

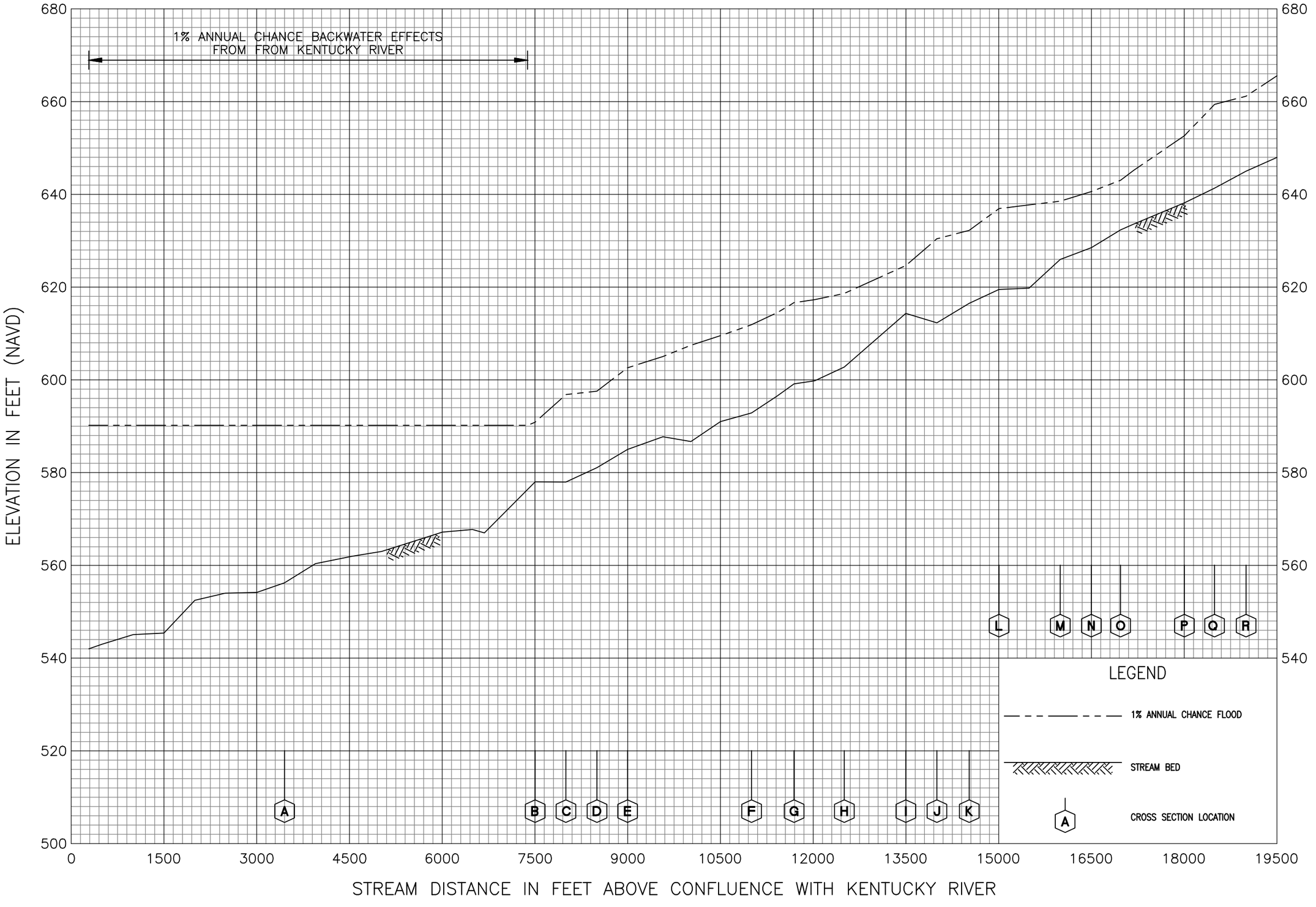


FLOOD PROFILES

BOGGS FORK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY



FLOOD PROFILES

BOONE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

28P

FLOOD PROFILES

BOONE CREEK

ELEVATION IN FEET (NAVD)

800
780
760
740
720
700
680
660
640
620

GRIMES MILL RD
CONFLUENCE OF BOGGS FORK
BOONESBORO RD
ATHENS
CONFLUENCE OF BAUGHMAN FORK

S T U V W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT

LEGEND

1% ANNUAL CHANCE FLOOD

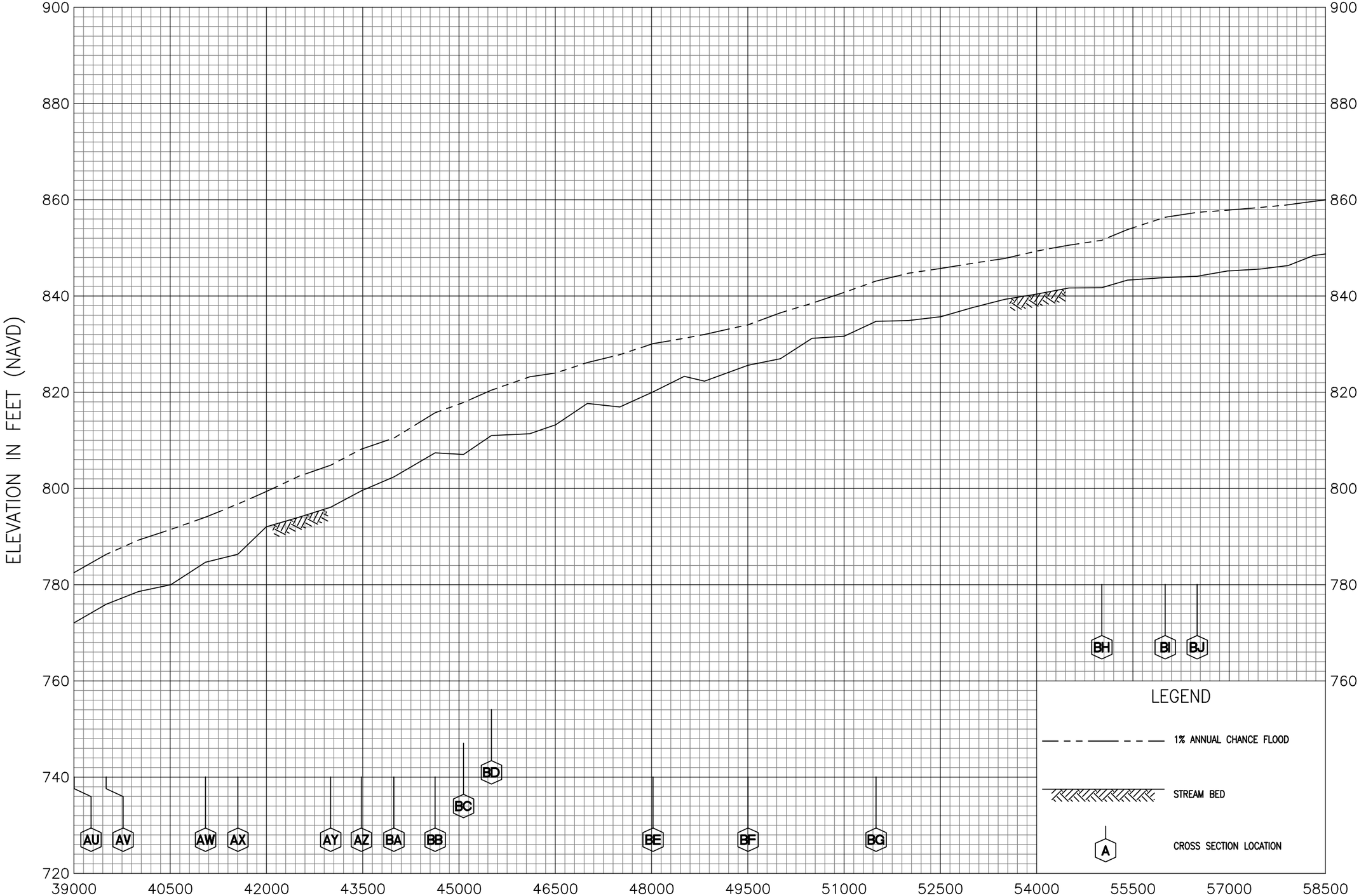
STREAM BED

A CROSS SECTION LOCATION

19500 21000 22500 24000 25500 27000 28500 30000 31500 33000 34500 36000 37500 39000

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH KENTUCKY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY



FLOOD PROFILES

BOONE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

ELEVATION IN FEET (NAVD)

980
960
940
920
900
880
860
840
820
800

58500 60000 61500 63000 64500 66000 67500 69000 70500 72000 73500 75000 76500 78000

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH KENTUCKY RIVER

SULPHER WELL RD

CONFLUENCE OF JONES CREEK

BK BL BM BN BO BP BQ BR BS BT BU BV BW BX

LEGEND

1% ANNUAL CHANCE FLOOD

STREAM BED

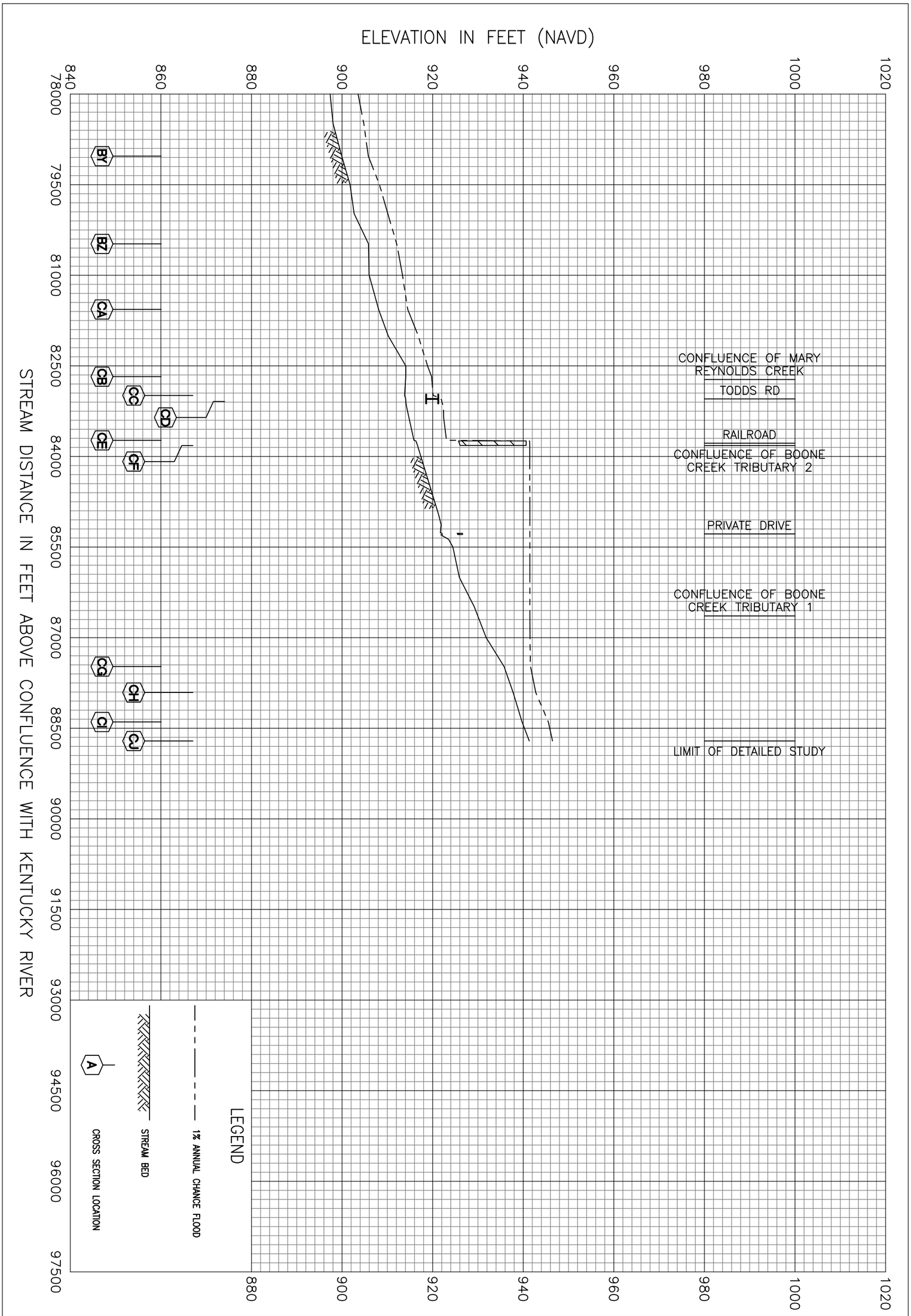
A CROSS SECTION LOCATION

FLOOD PROFILES

BOONE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY



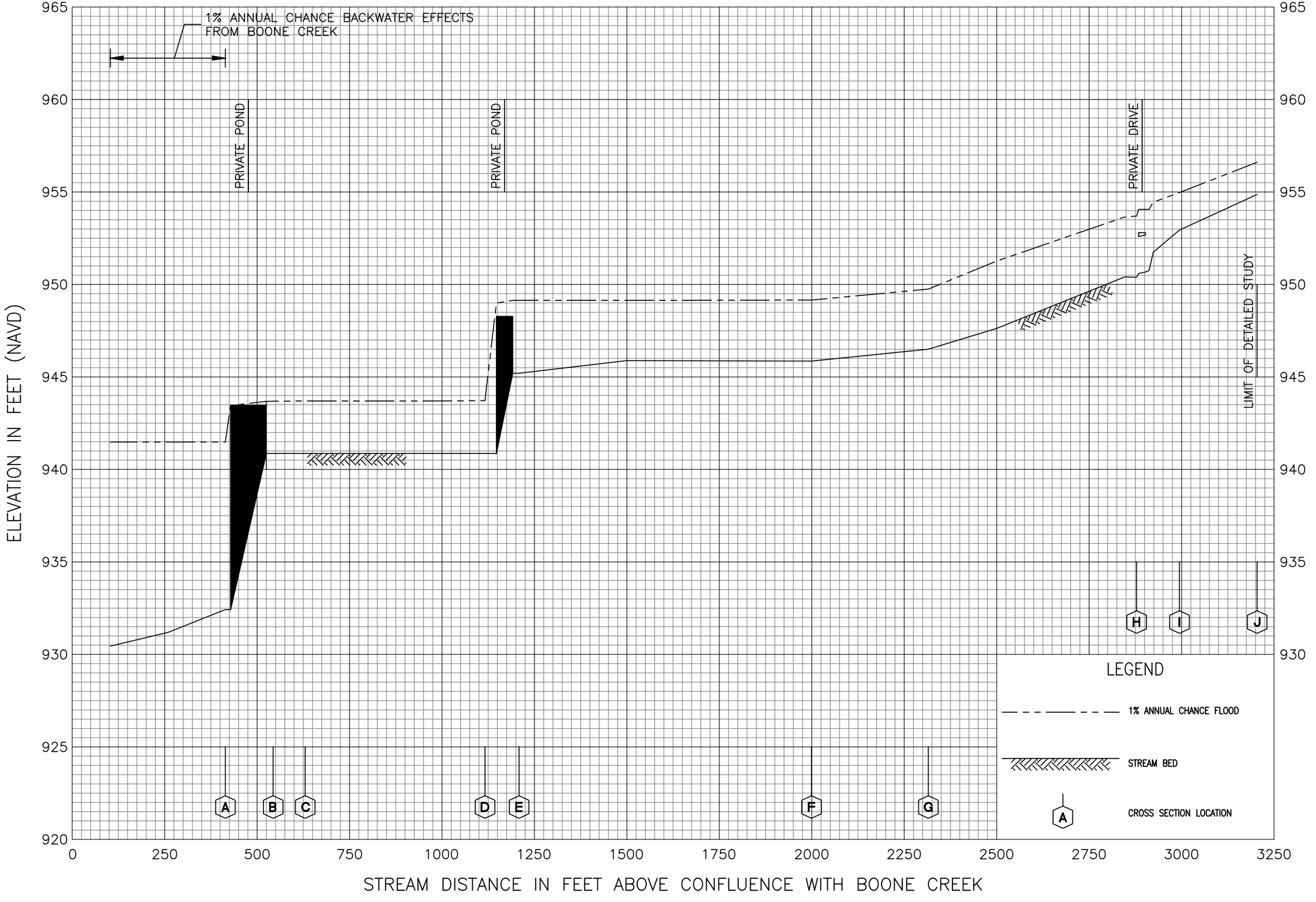
32P

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON–FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

FLOOD PROFILES

BOONE CREEK

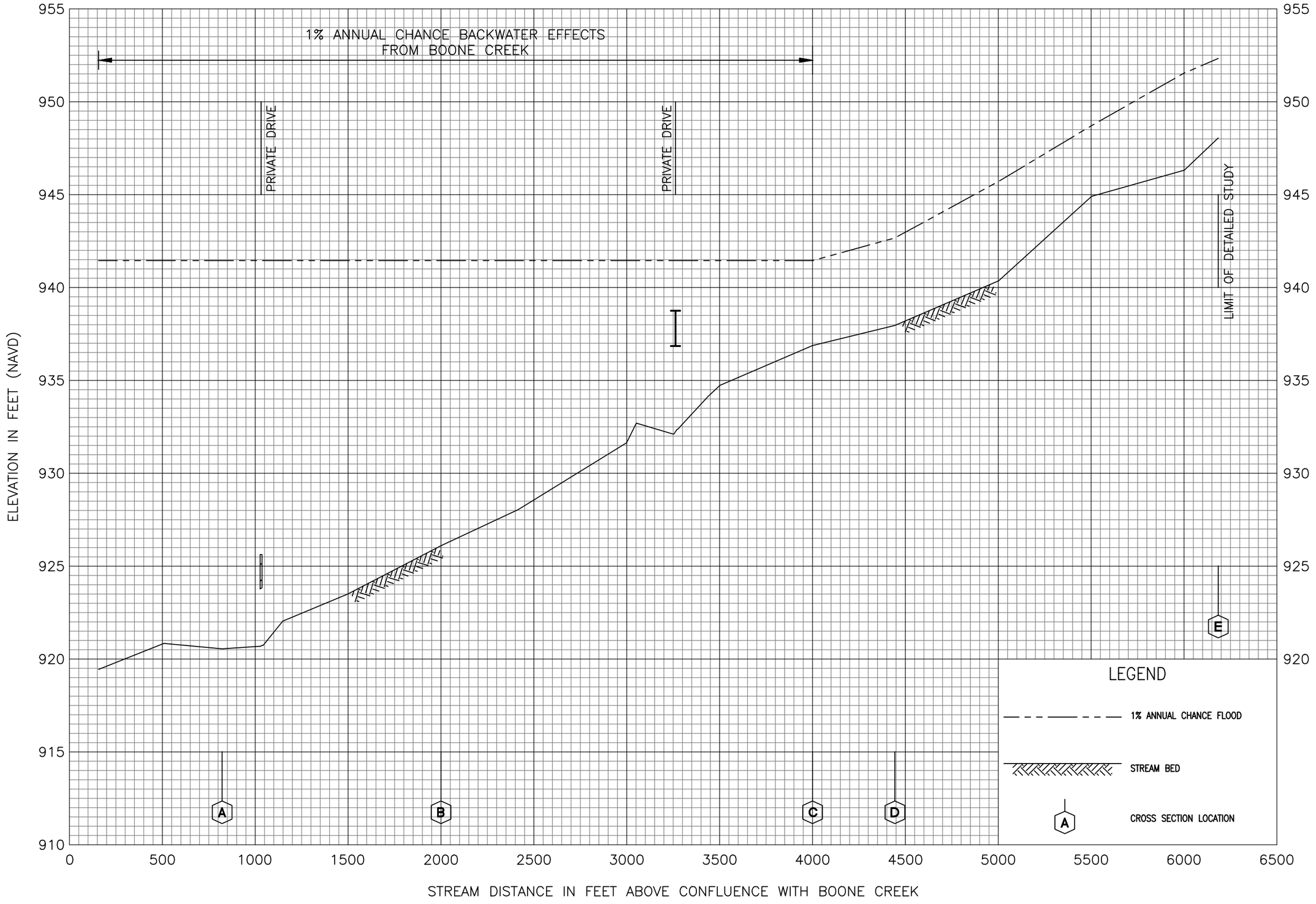


FLOOD PROFILES

BOONE CREEK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

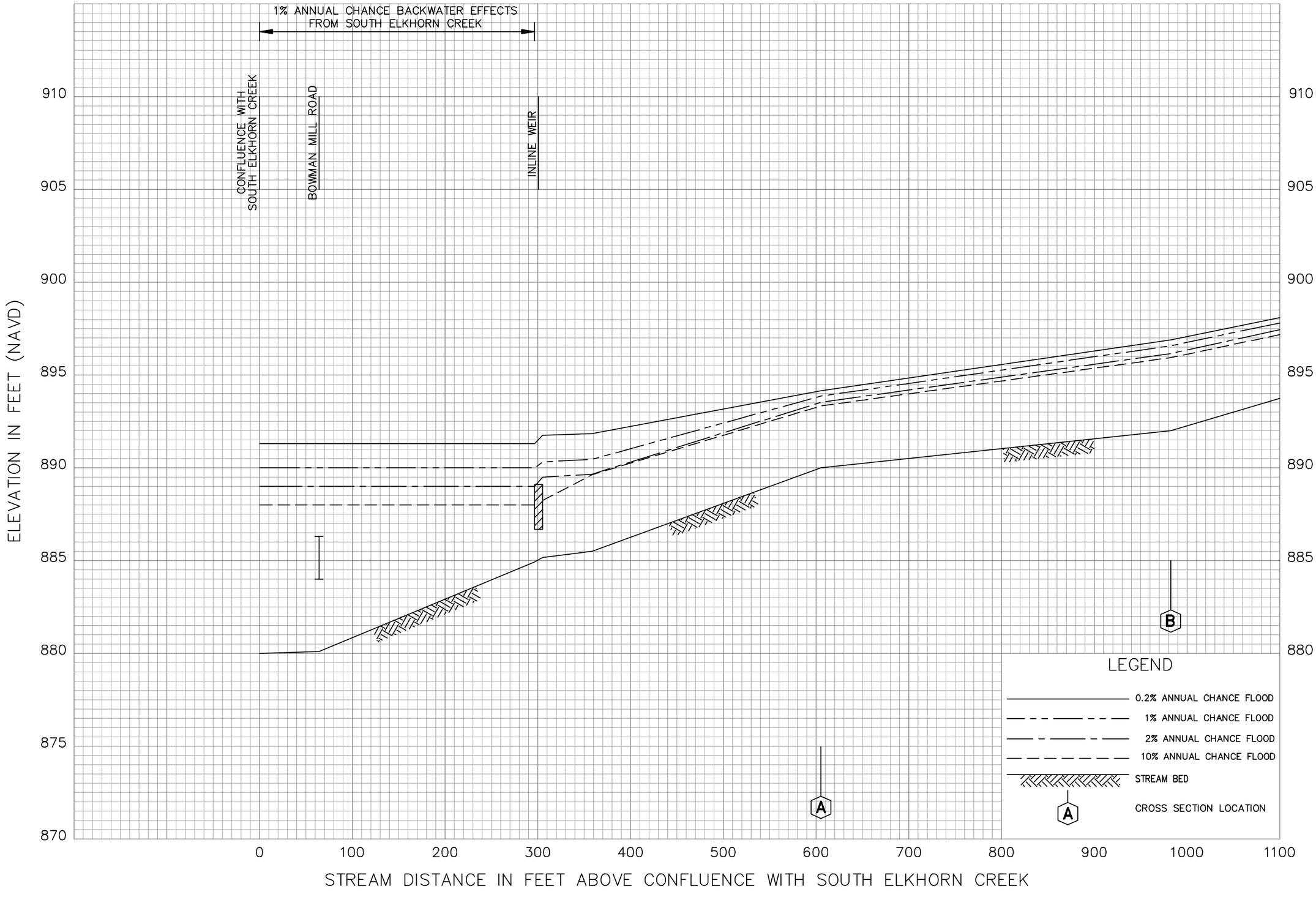
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY



FLOOD PROFILES

BOONE CREEK TRIBUTARY 2

FEDERAL EMERGENCY MANAGEMENT AGENCY
LEXINGTON-FAYETTE URBAN COUNTY
GOVERNMENT, KENTUCKY



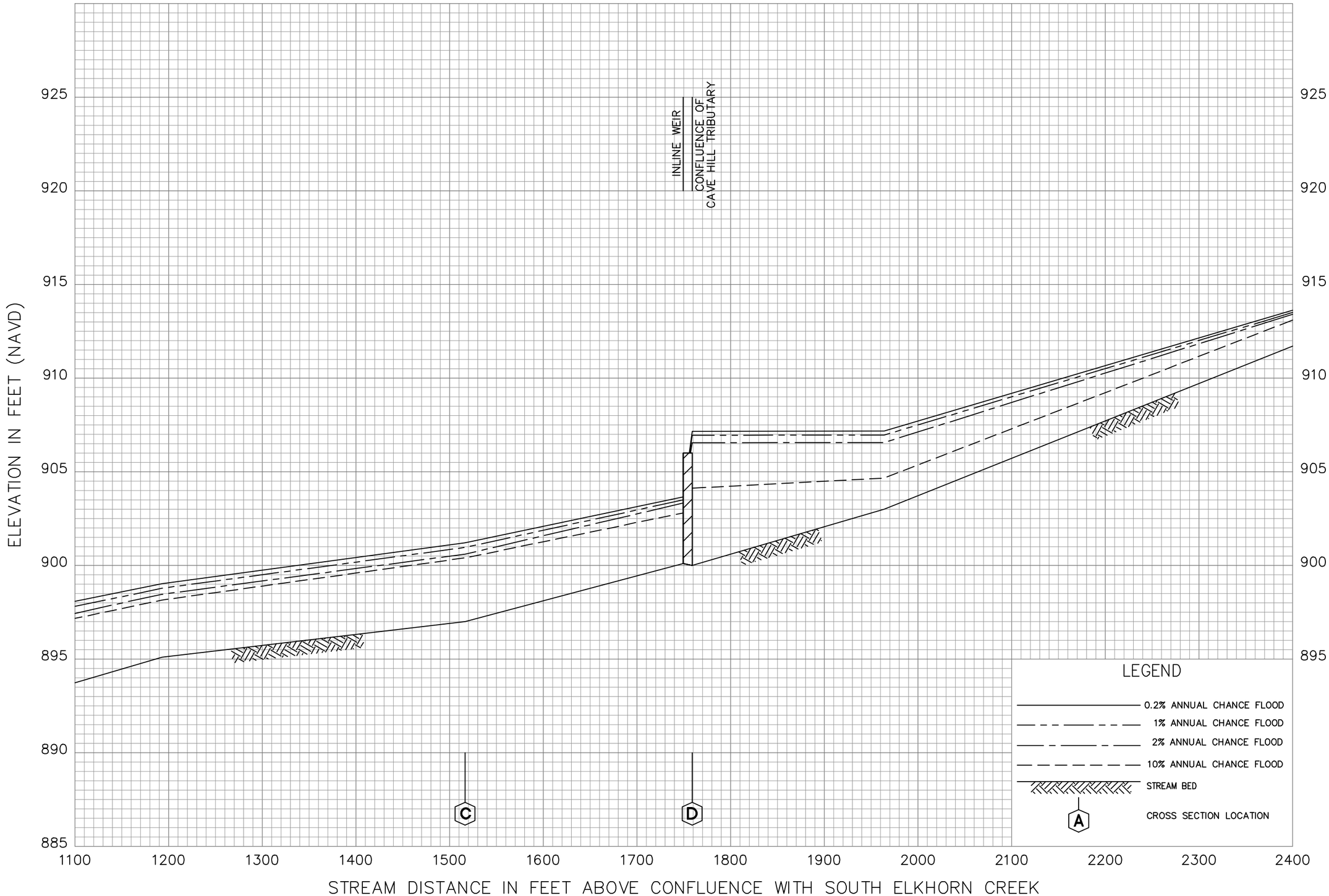
FLOOD PROFILES

BOWMAN MILL TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

35P



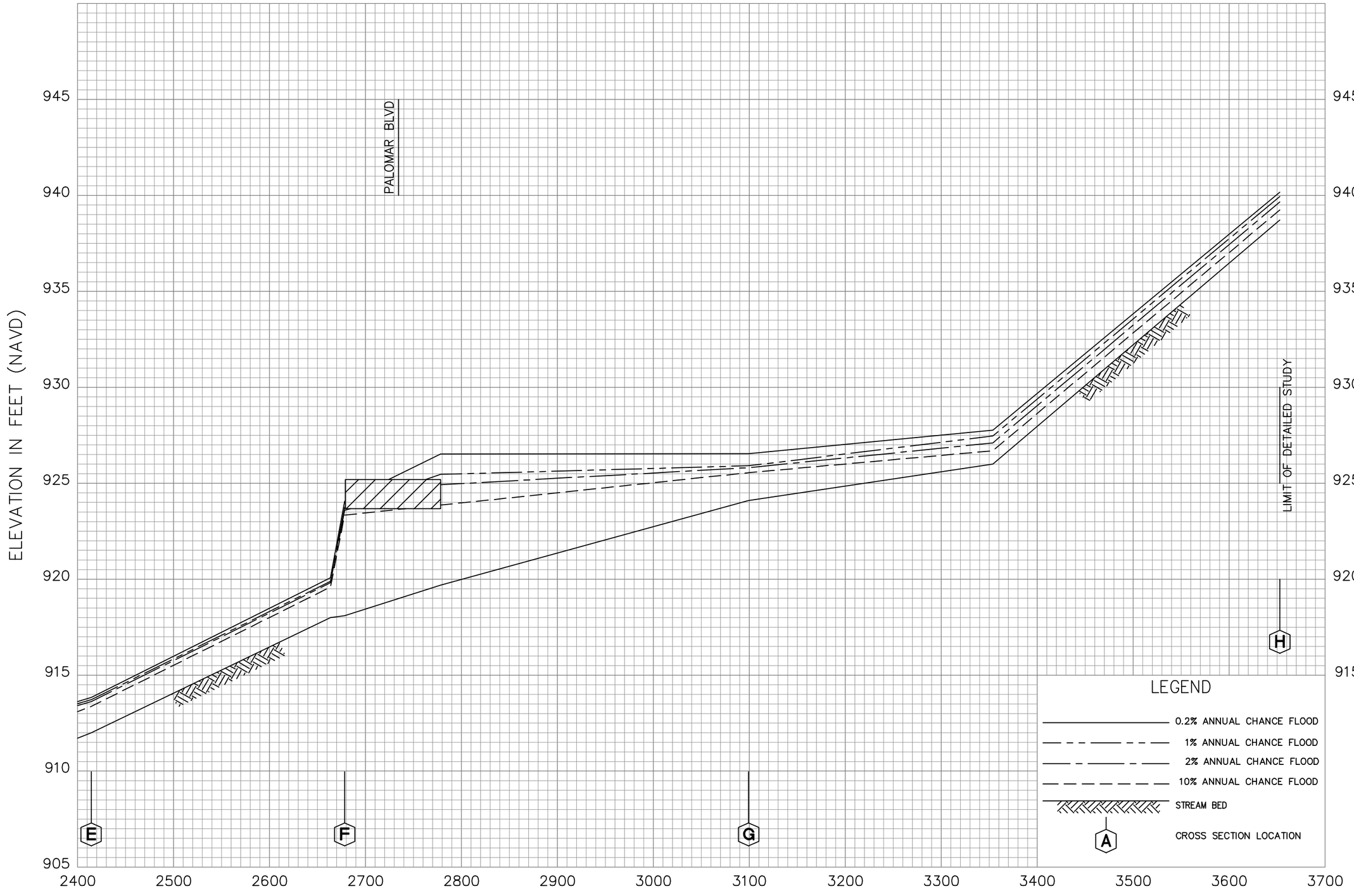
FLOOD PROFILES

BOWMAN MILL TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

36P



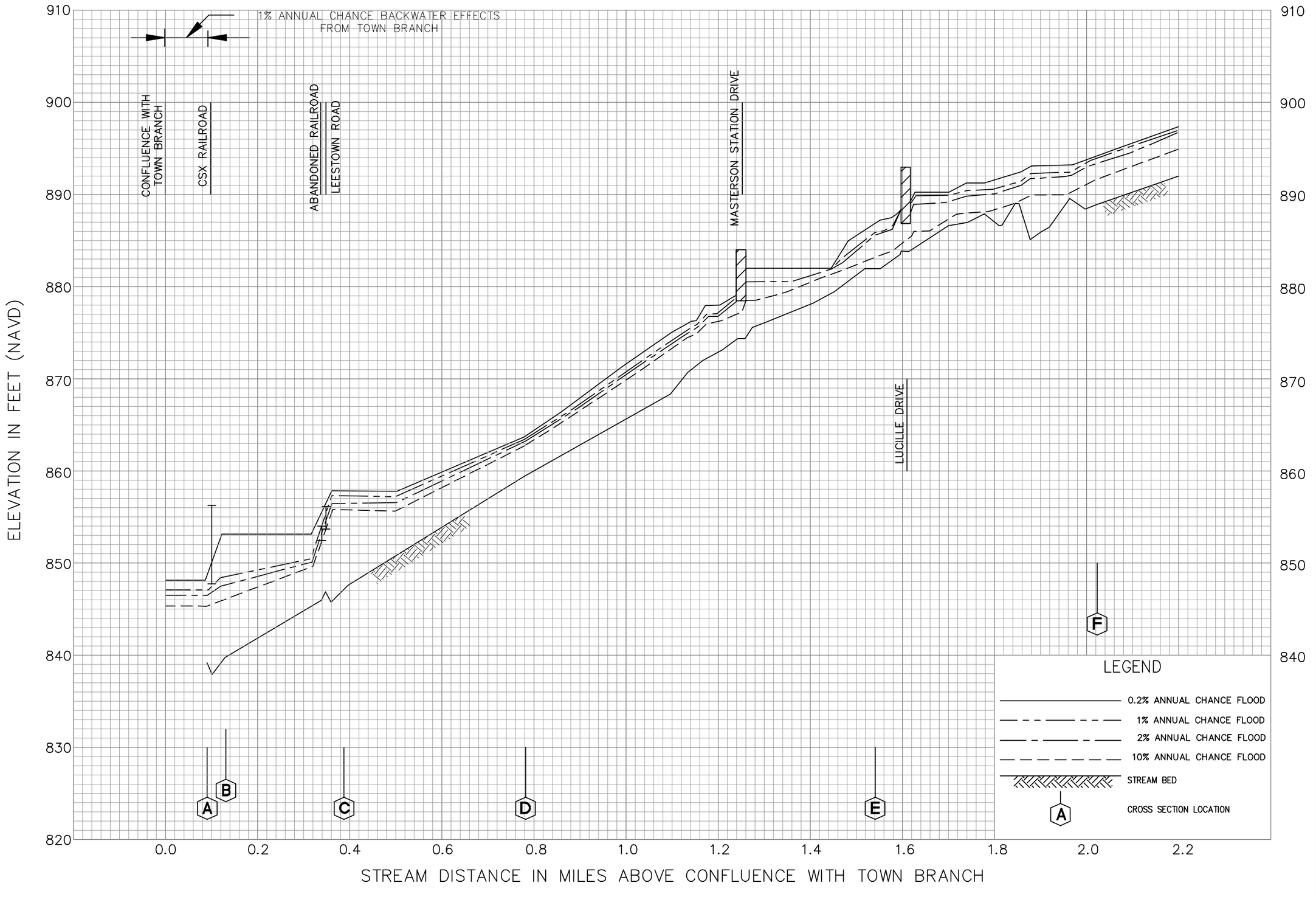
FLOOD PROFILES

BOWMAN MILL TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

37P

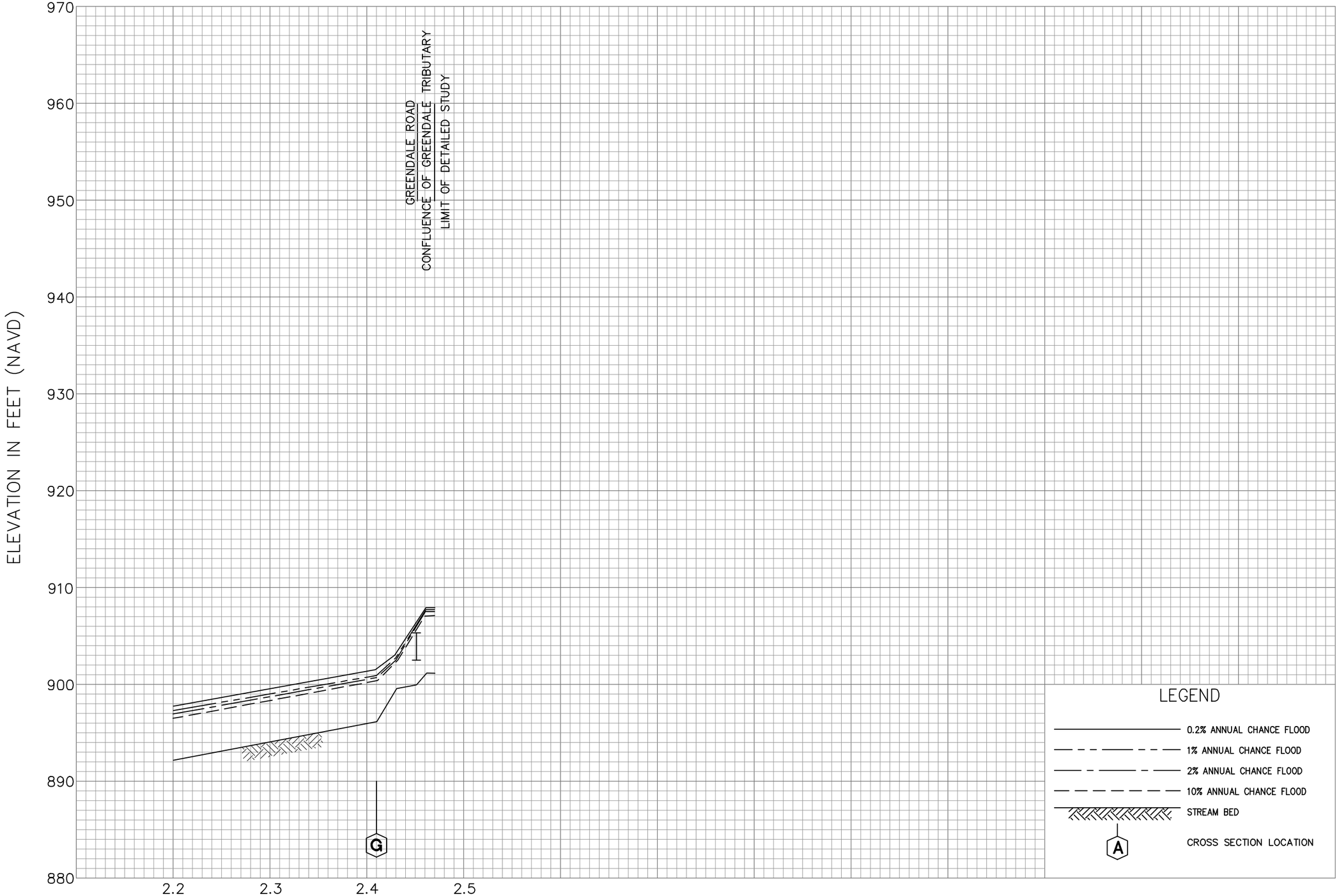


FLOOD PROFILES

BRACKTOWN BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY



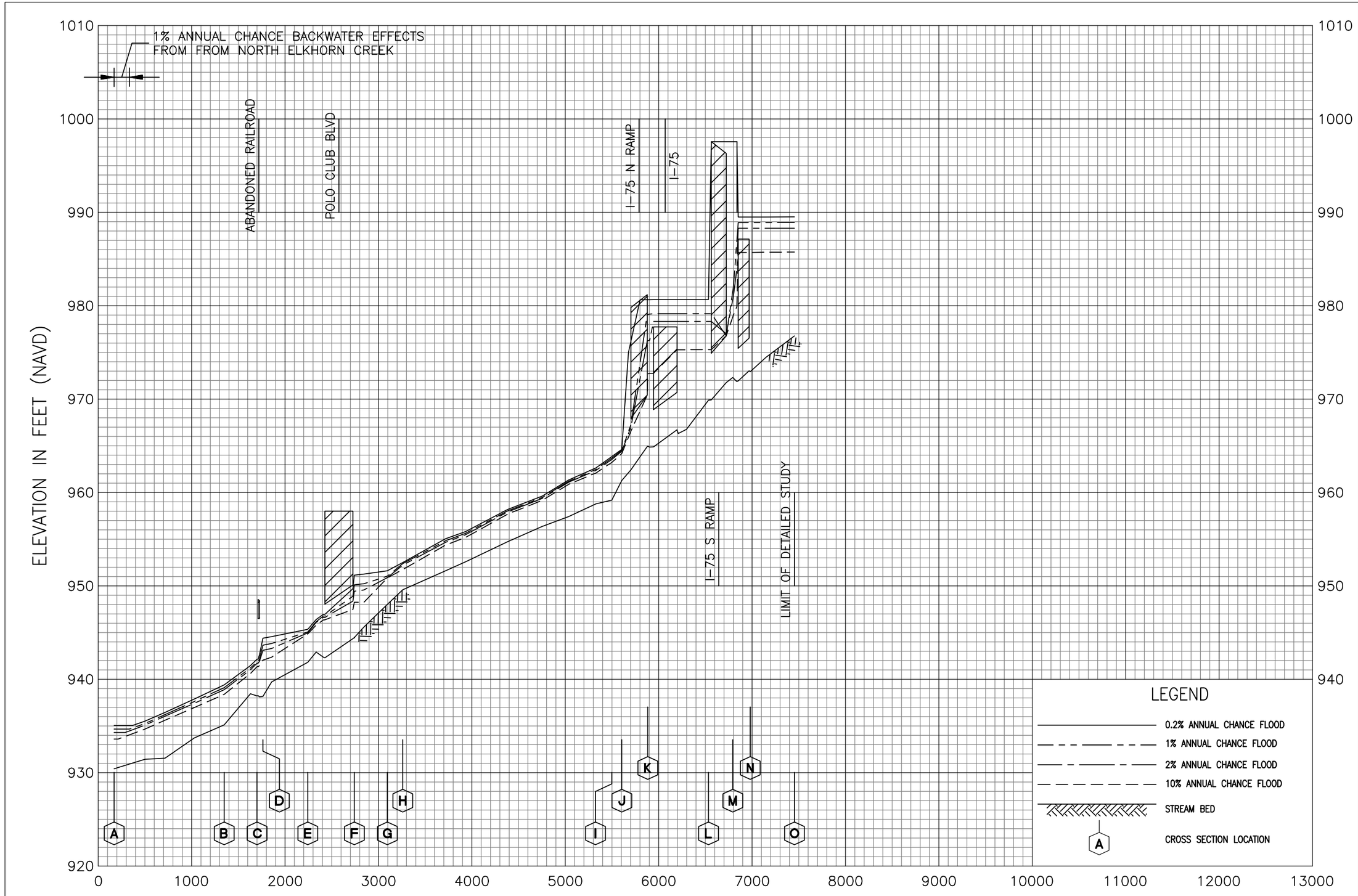
FLOOD PROFILES

BRACKTOWN BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

39P

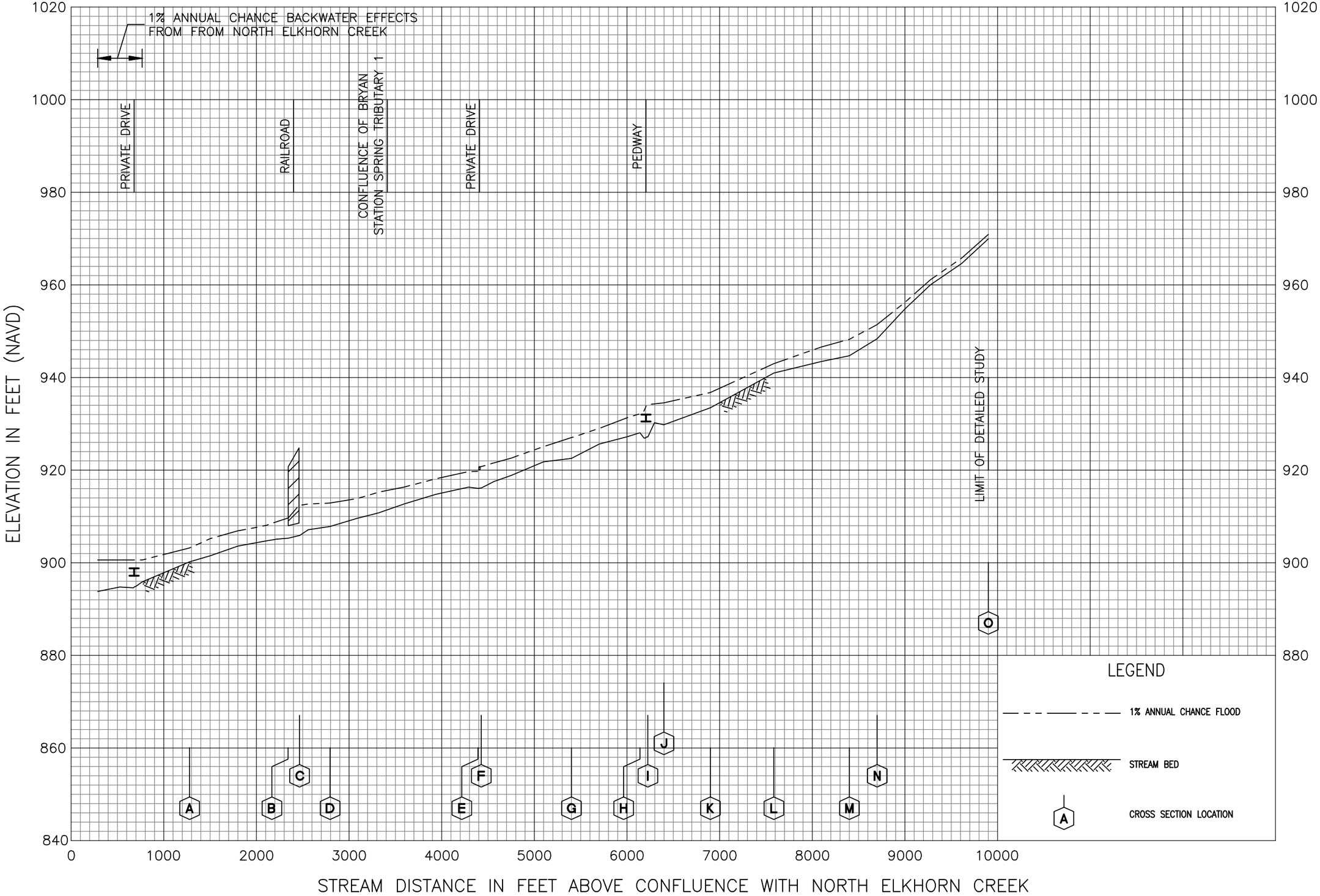


FLOOD PROFILES

BRIGHTON TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

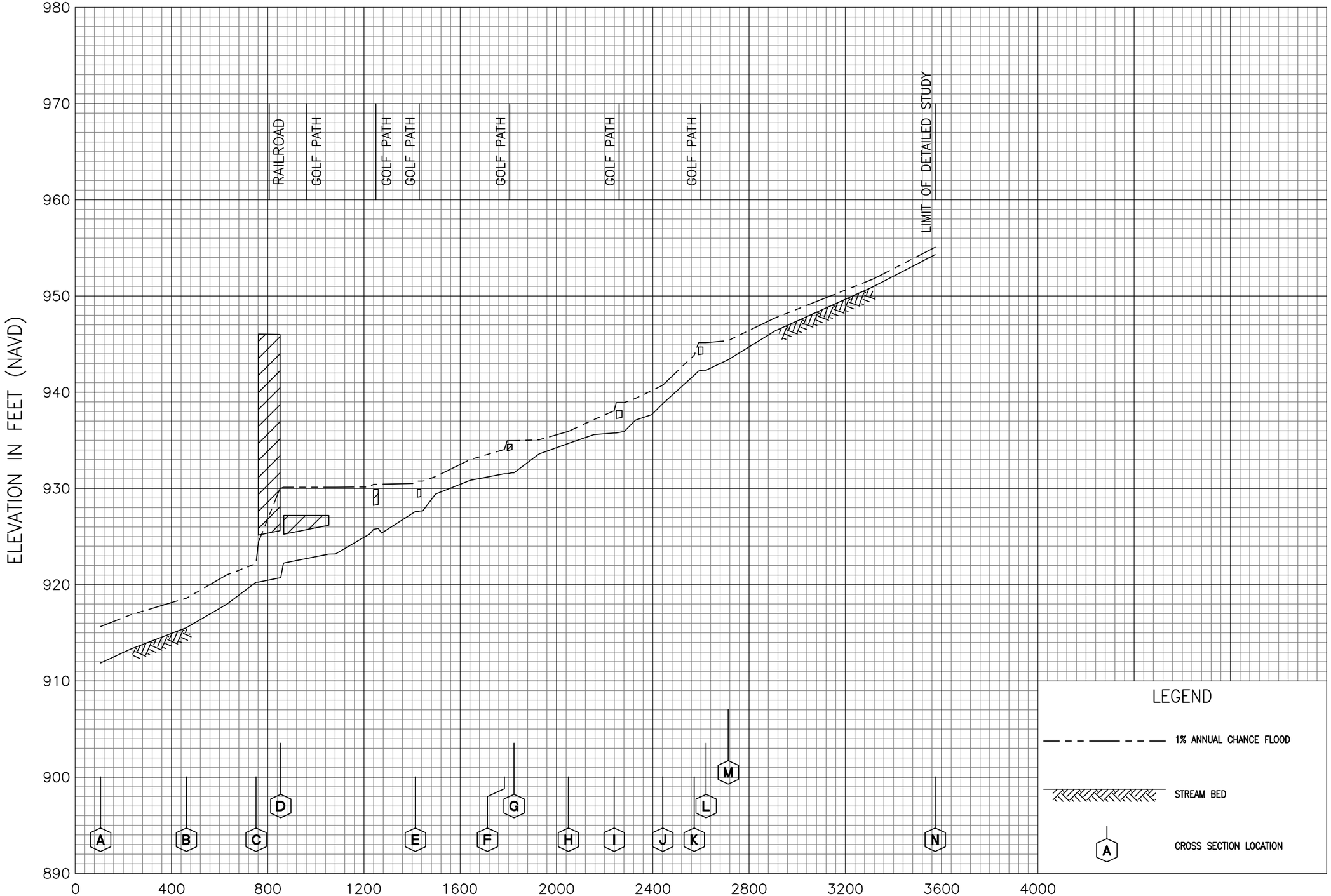


FLOOD PROFILES

BRYAN STATION SPRING TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

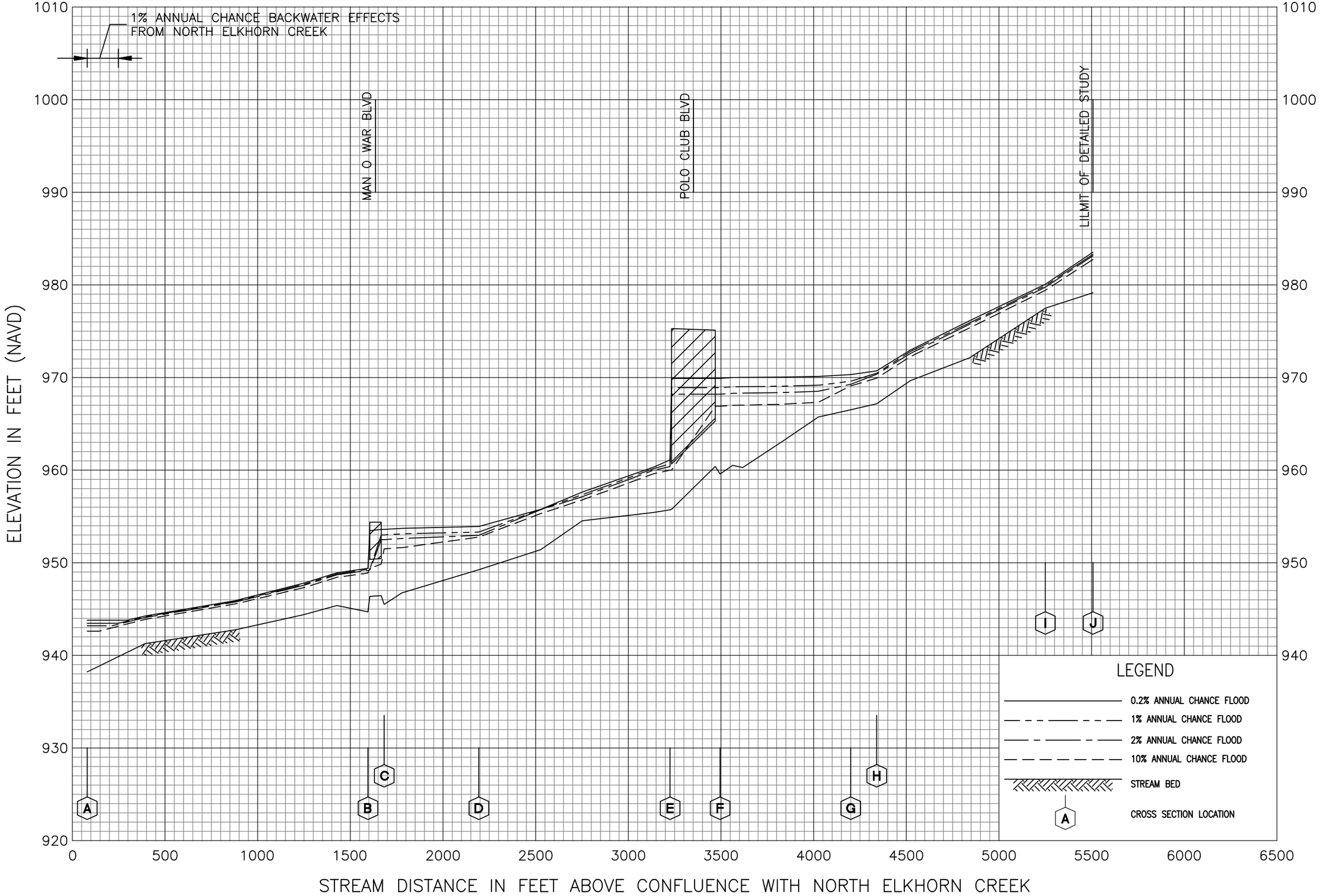
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY



FLOOD PROFILES

BRYAN STATION SPRING TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

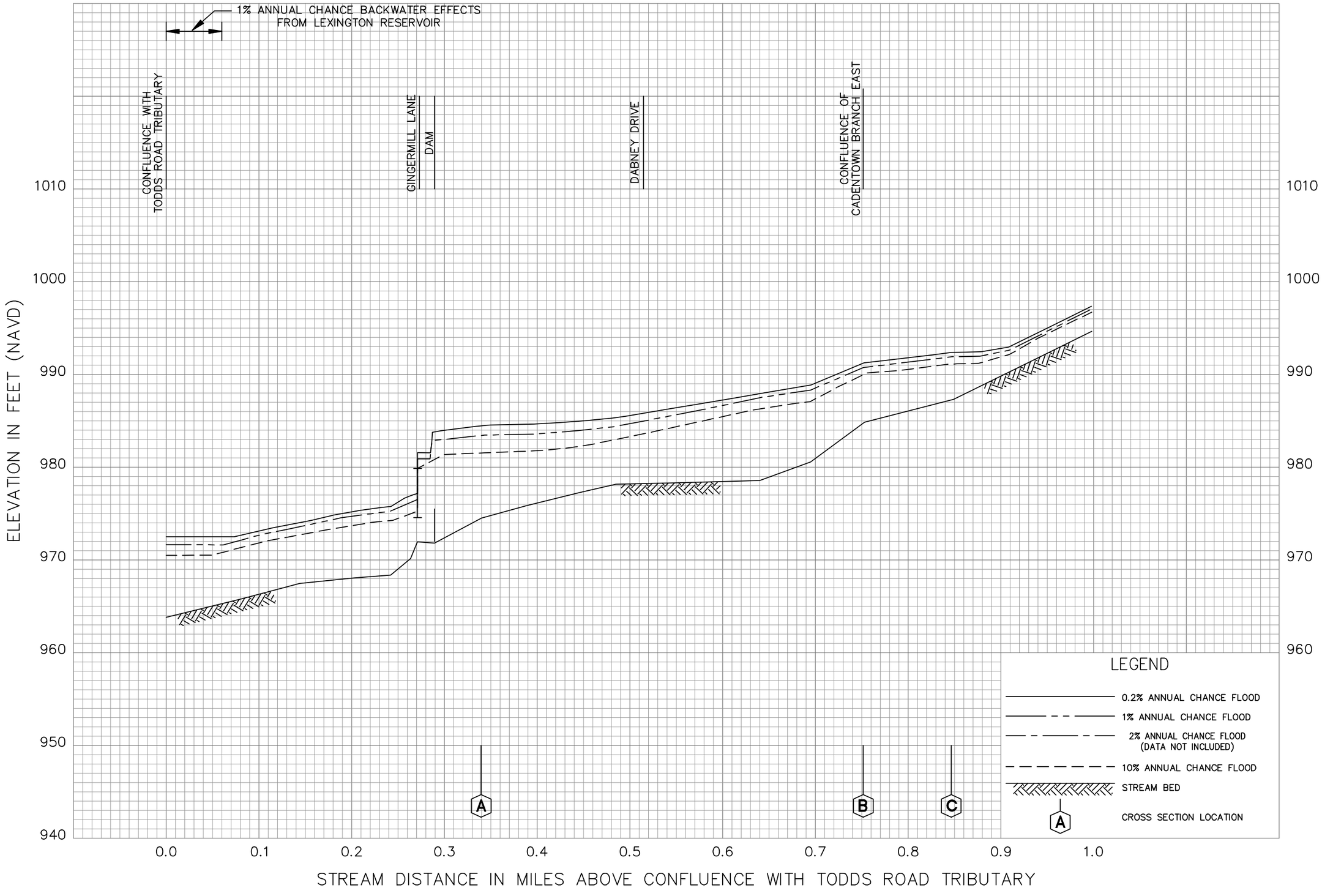


FLOOD PROFILES

BRYANT TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

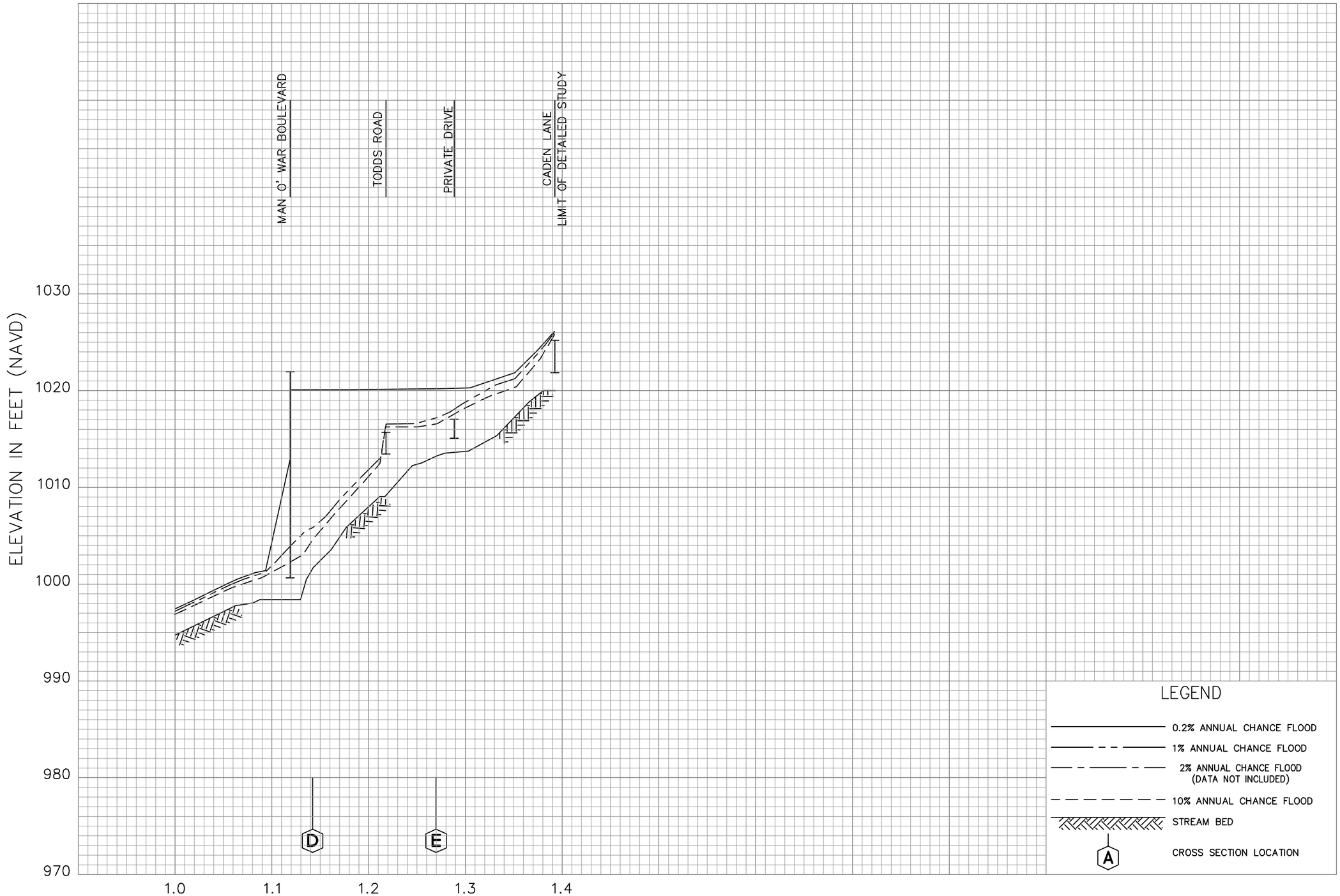


FLOOD PROFILES

CADENTOWN BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

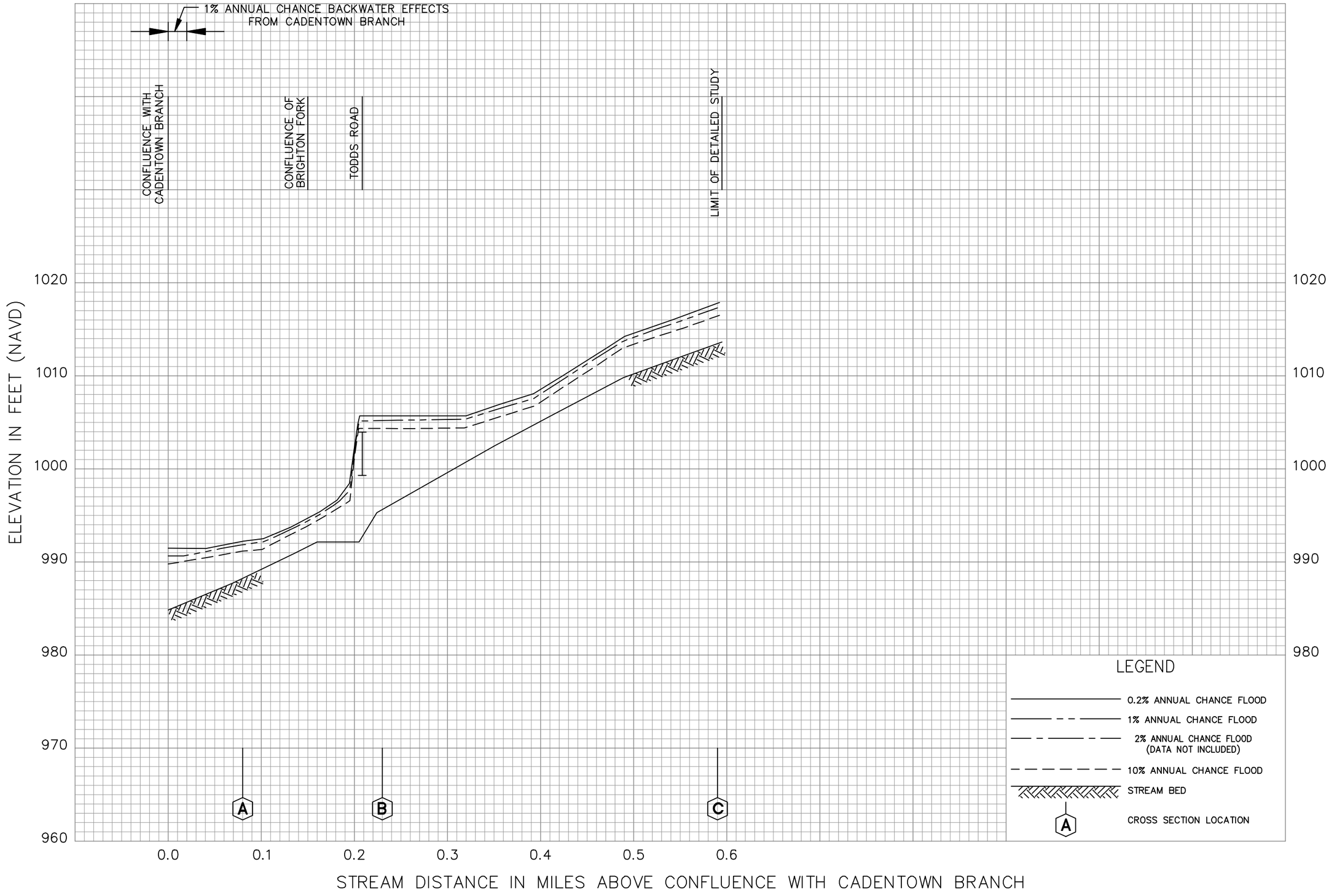


FLOOD PROFILES

CADENTOWN BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

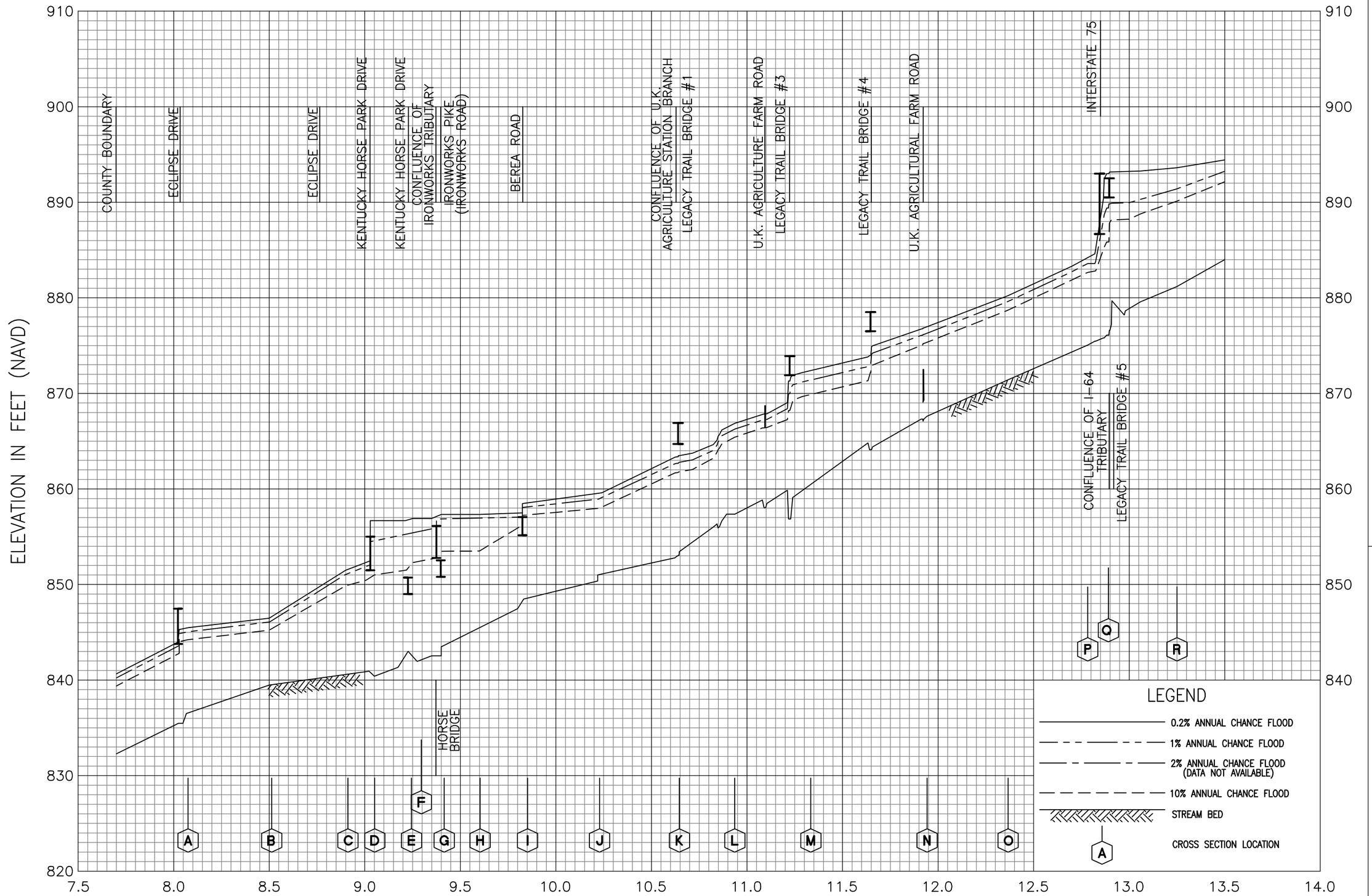


FLOOD PROFILES

CADENTOWN BRANCH EAST

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

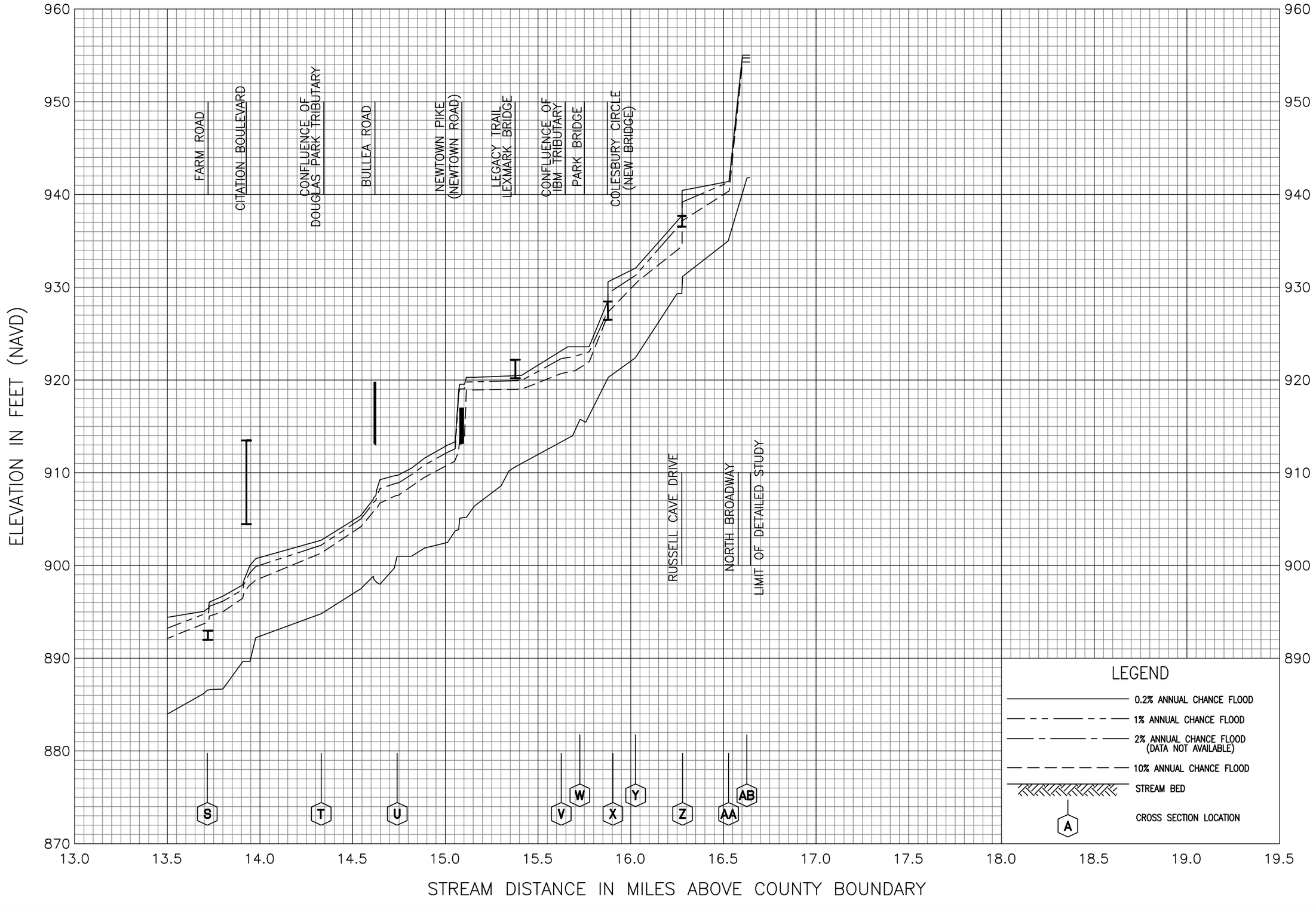


FLOOD PROFILES

CANE RUN

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

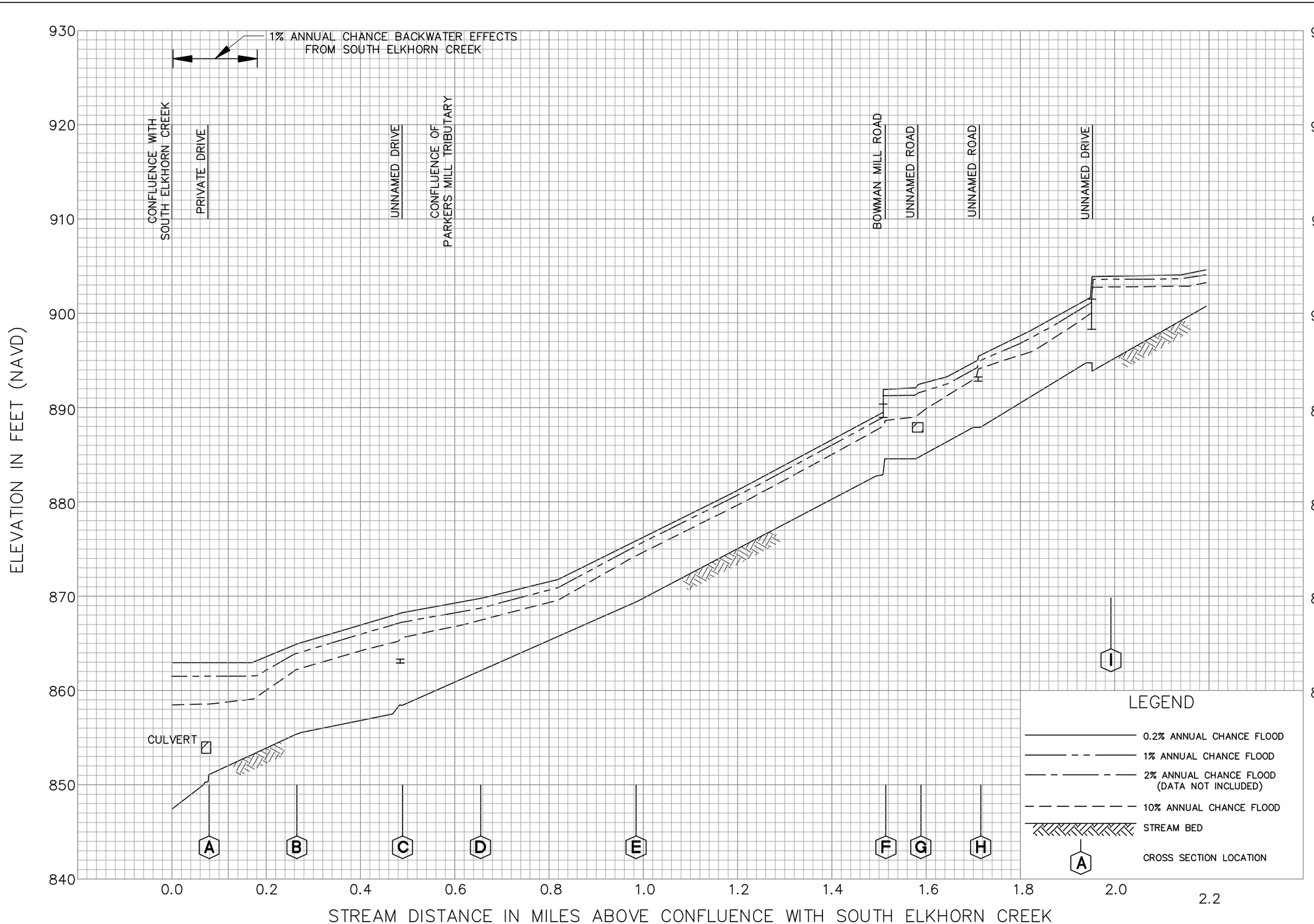


FLOOD PROFILES

CANE RUN

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

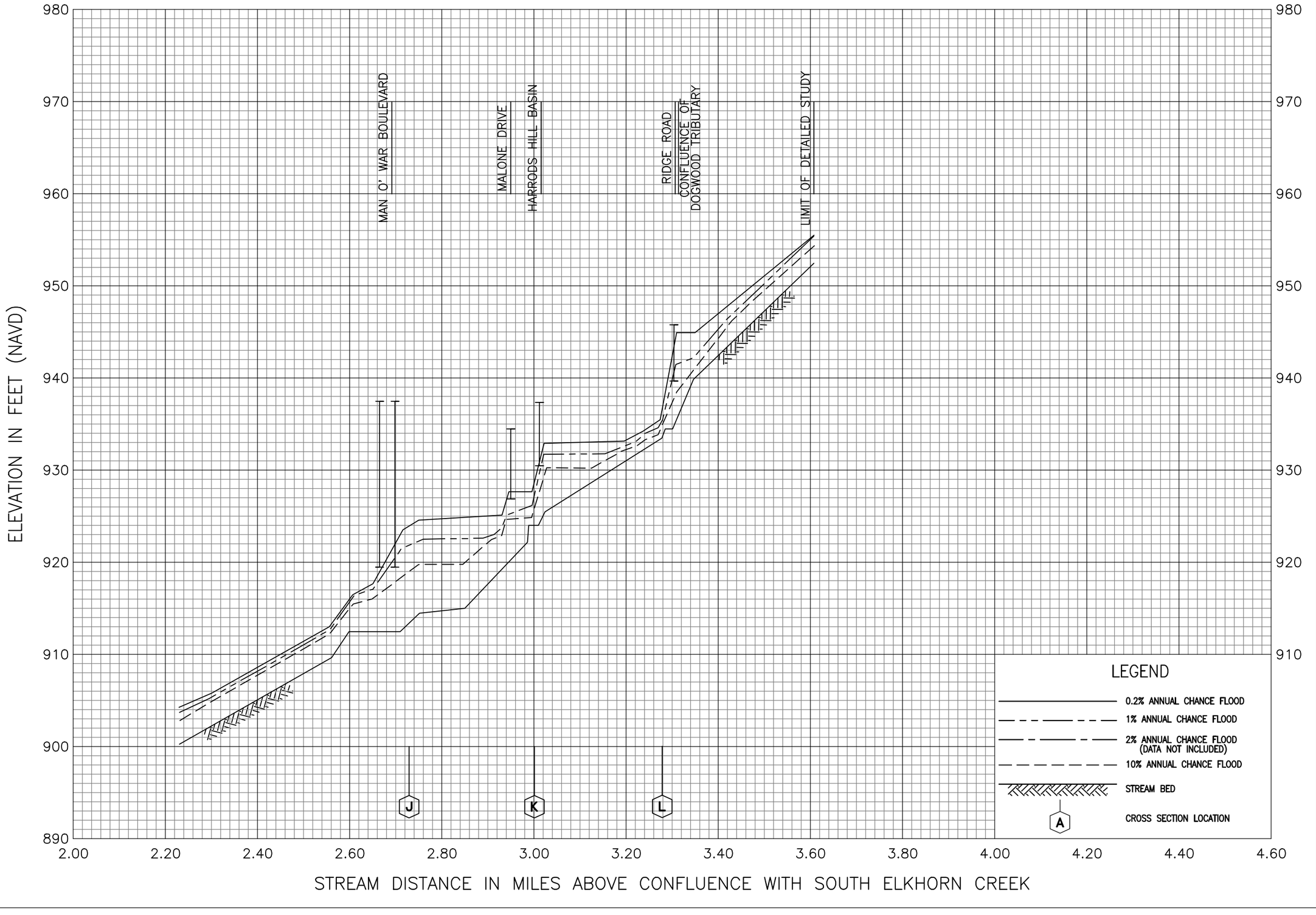


FLOOD PROFILES

CAVE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON–FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY



FLOOD PROFILES

CAVE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

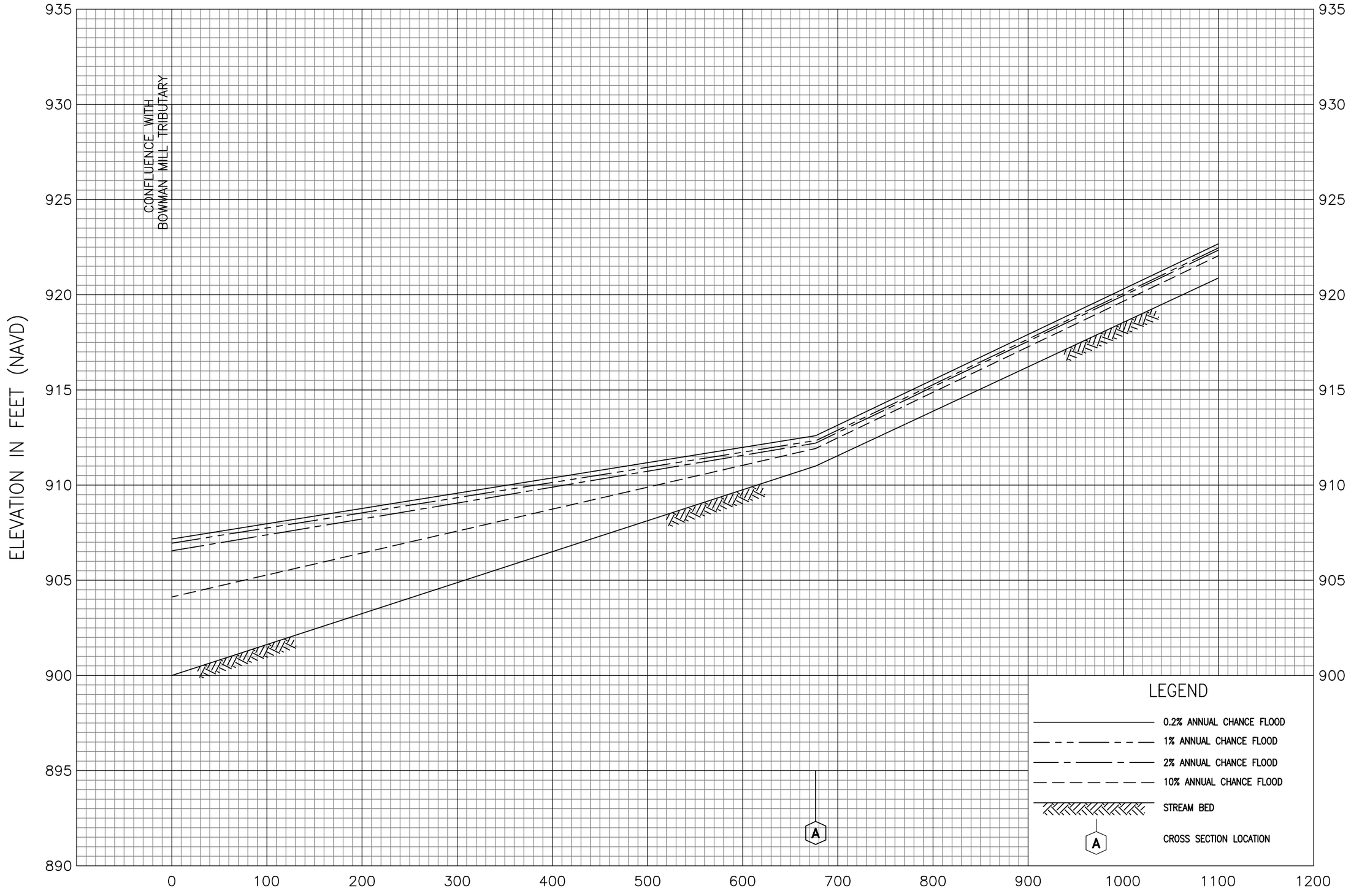
LEXINGTON–FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

FLOOD PROFILES

CAVE HILL TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

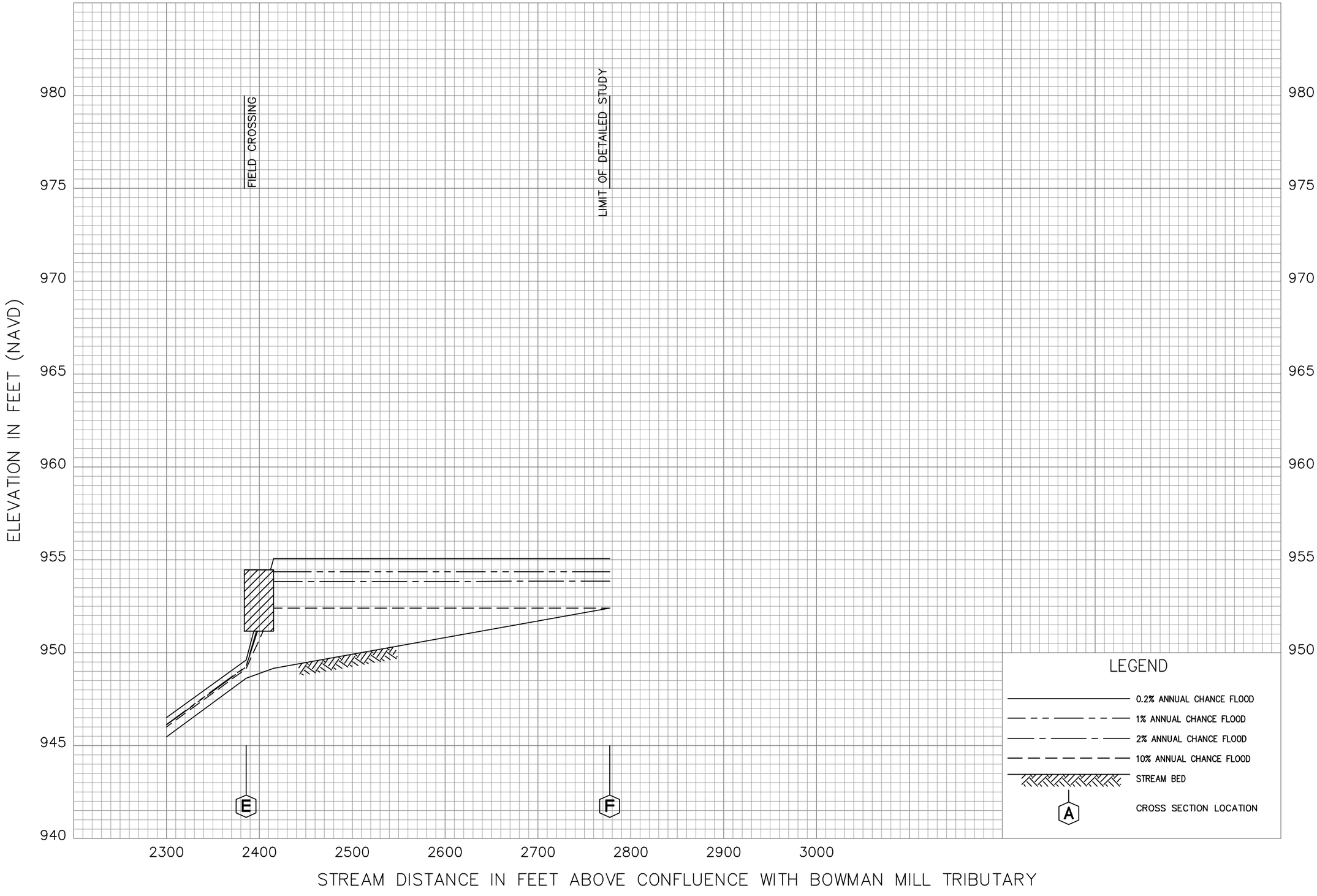


FLOOD PROFILES

CAVE HILL TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

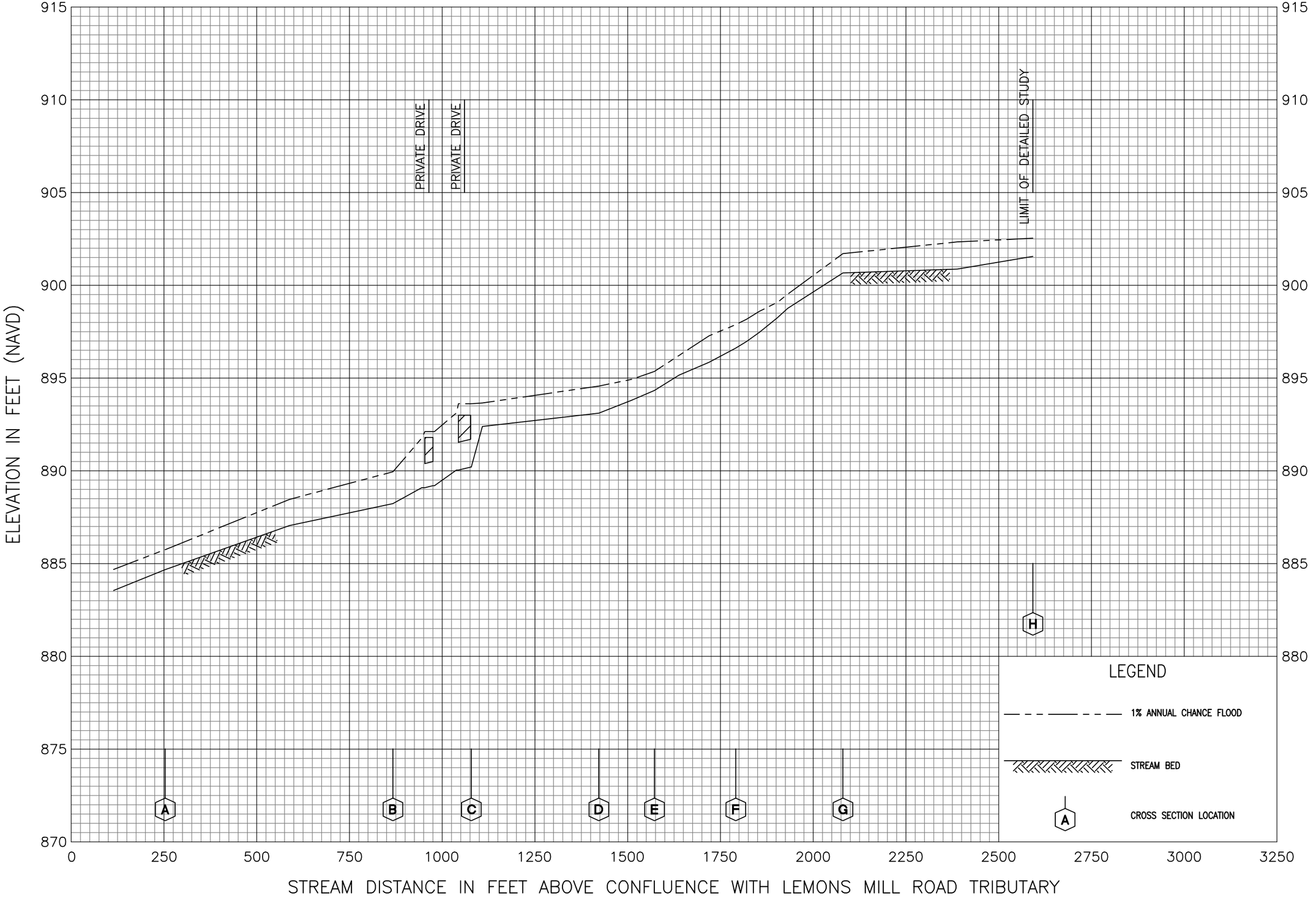


FLOOD PROFILES

CAVE HILL TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

53P

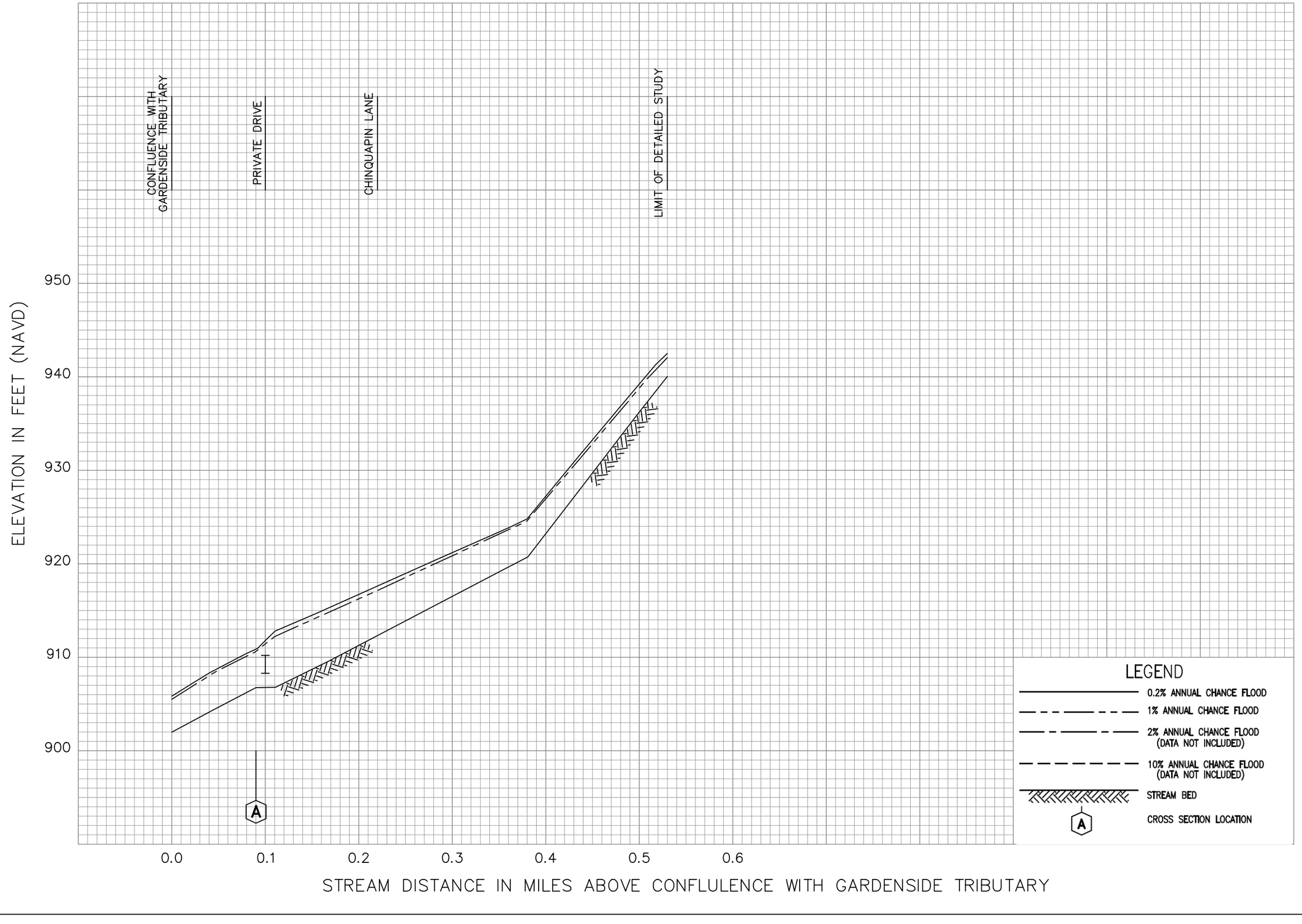


FLOOD PROFILES

CEMETERY TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY



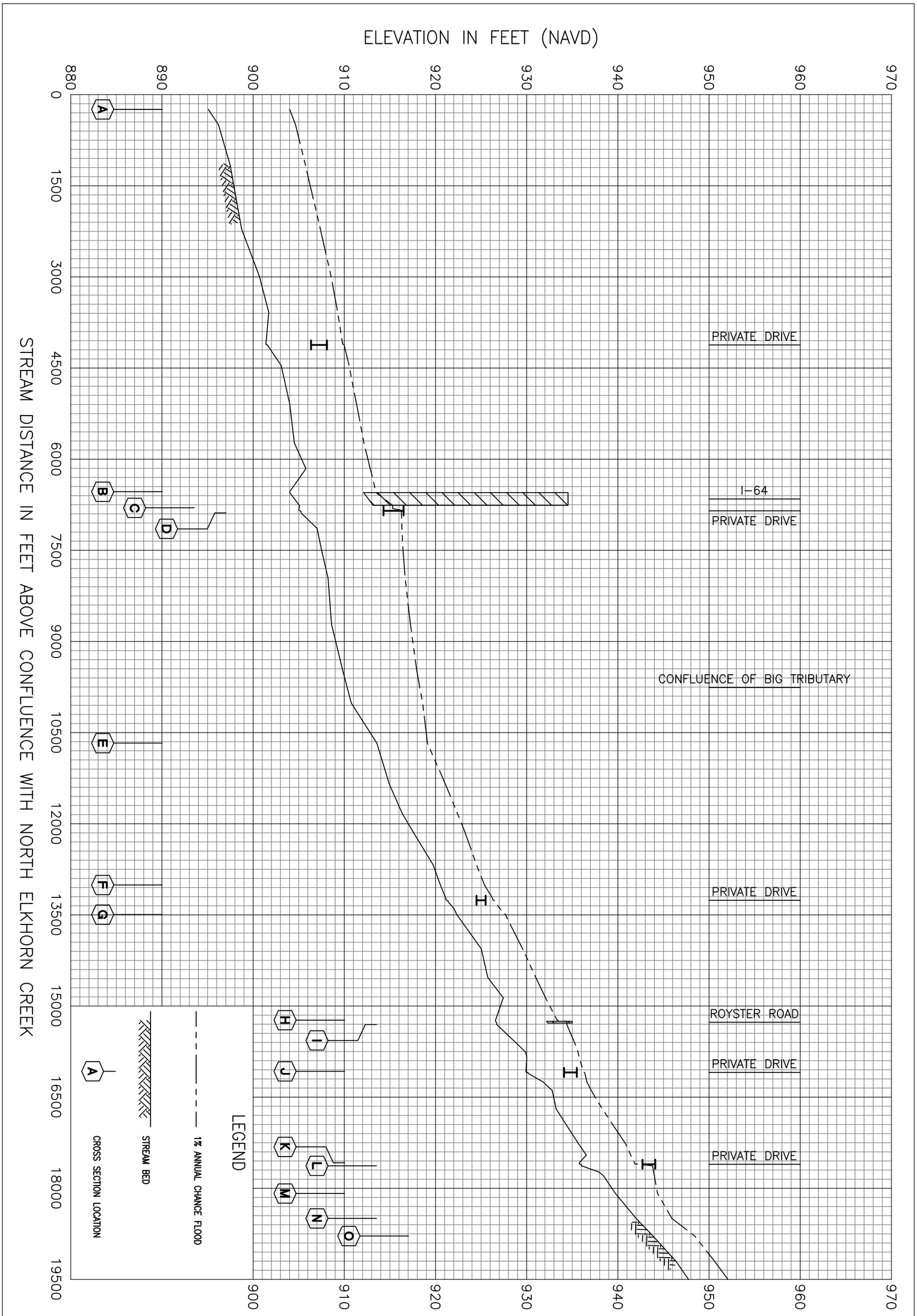
FLOOD PROFILES

COLONIAL DRIVE TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

55P



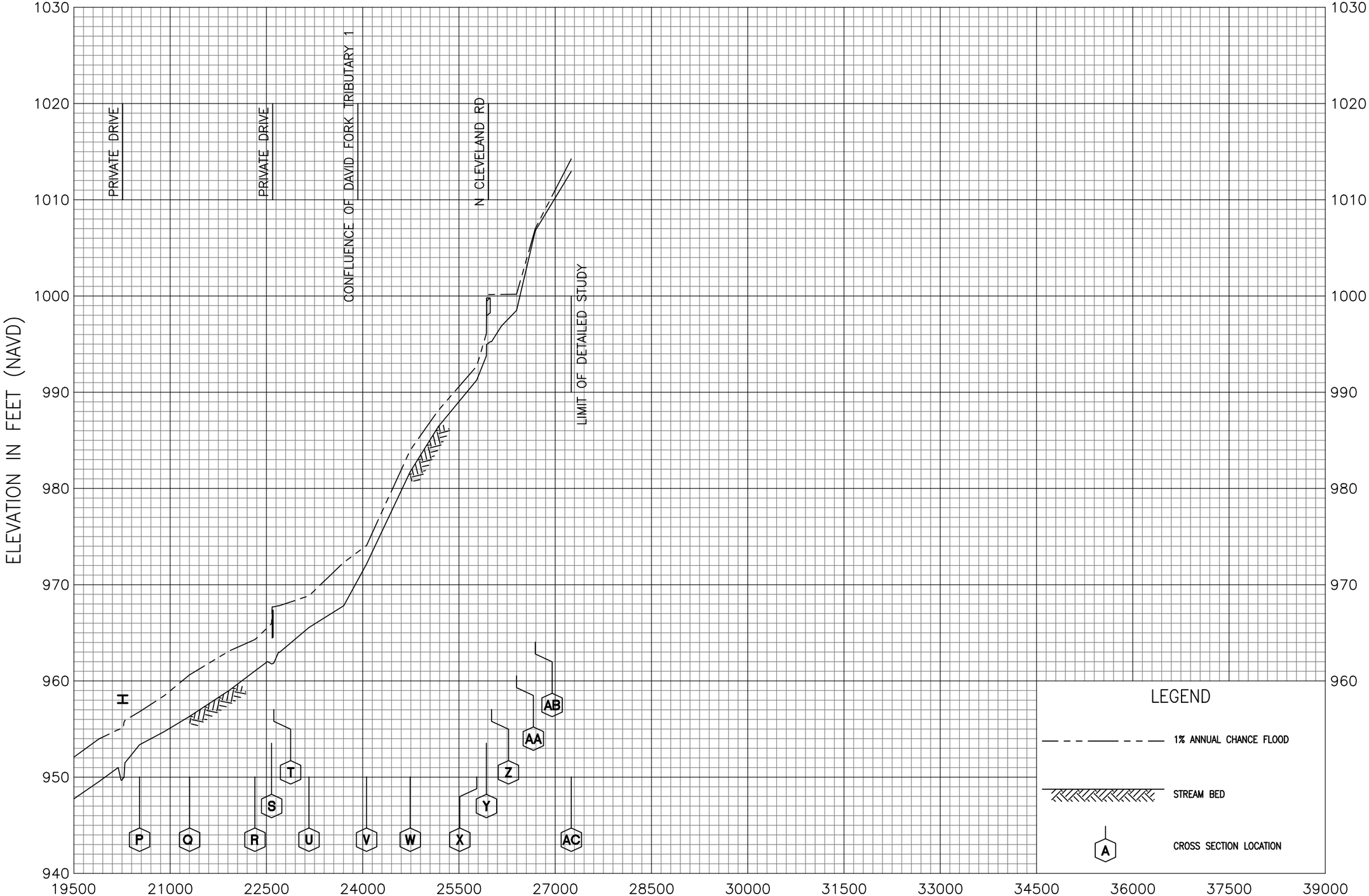
56P

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

FLOOD PROFILES

DAVID FORK



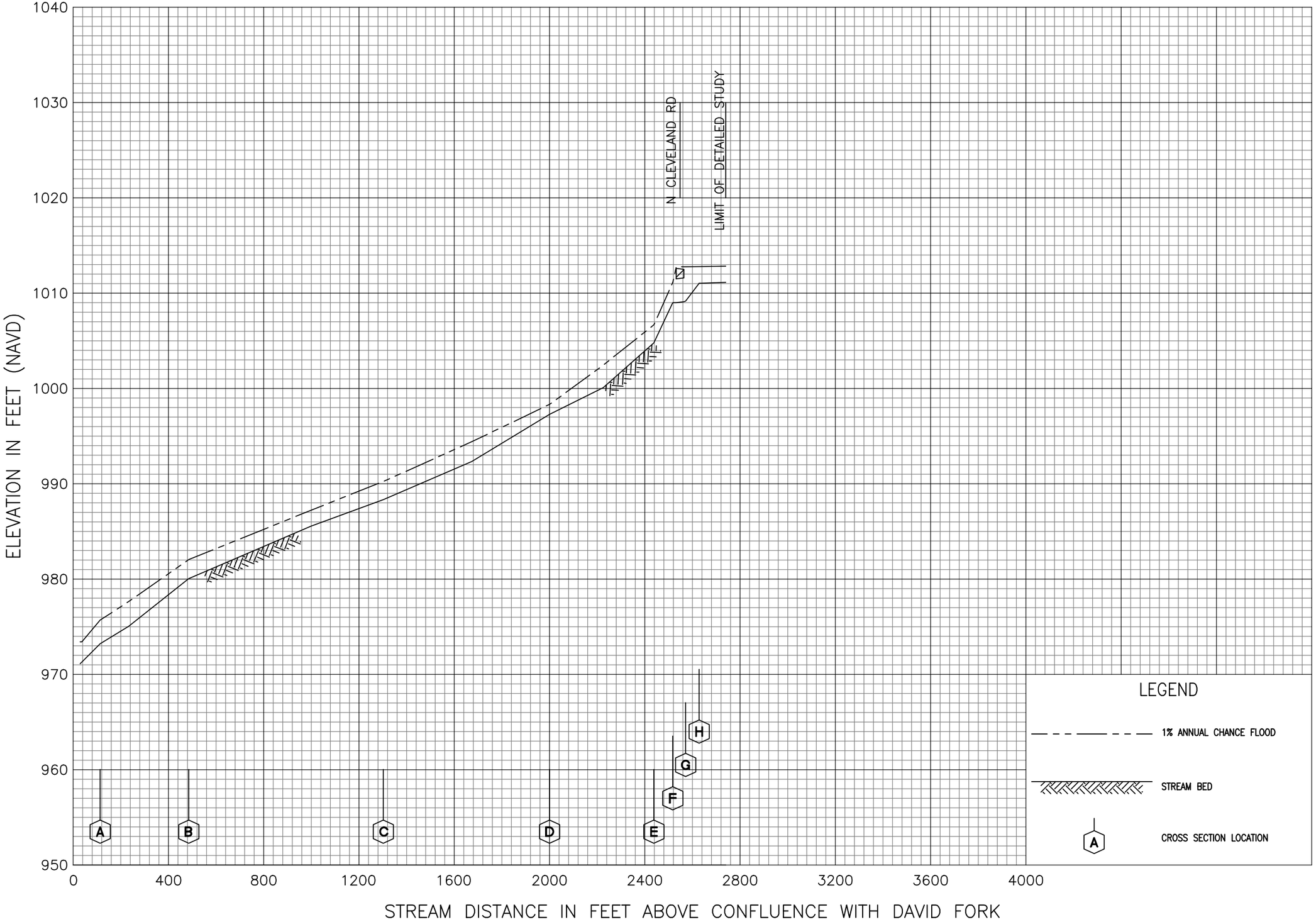
FLOOD PROFILES

DAVID FORK

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

57P

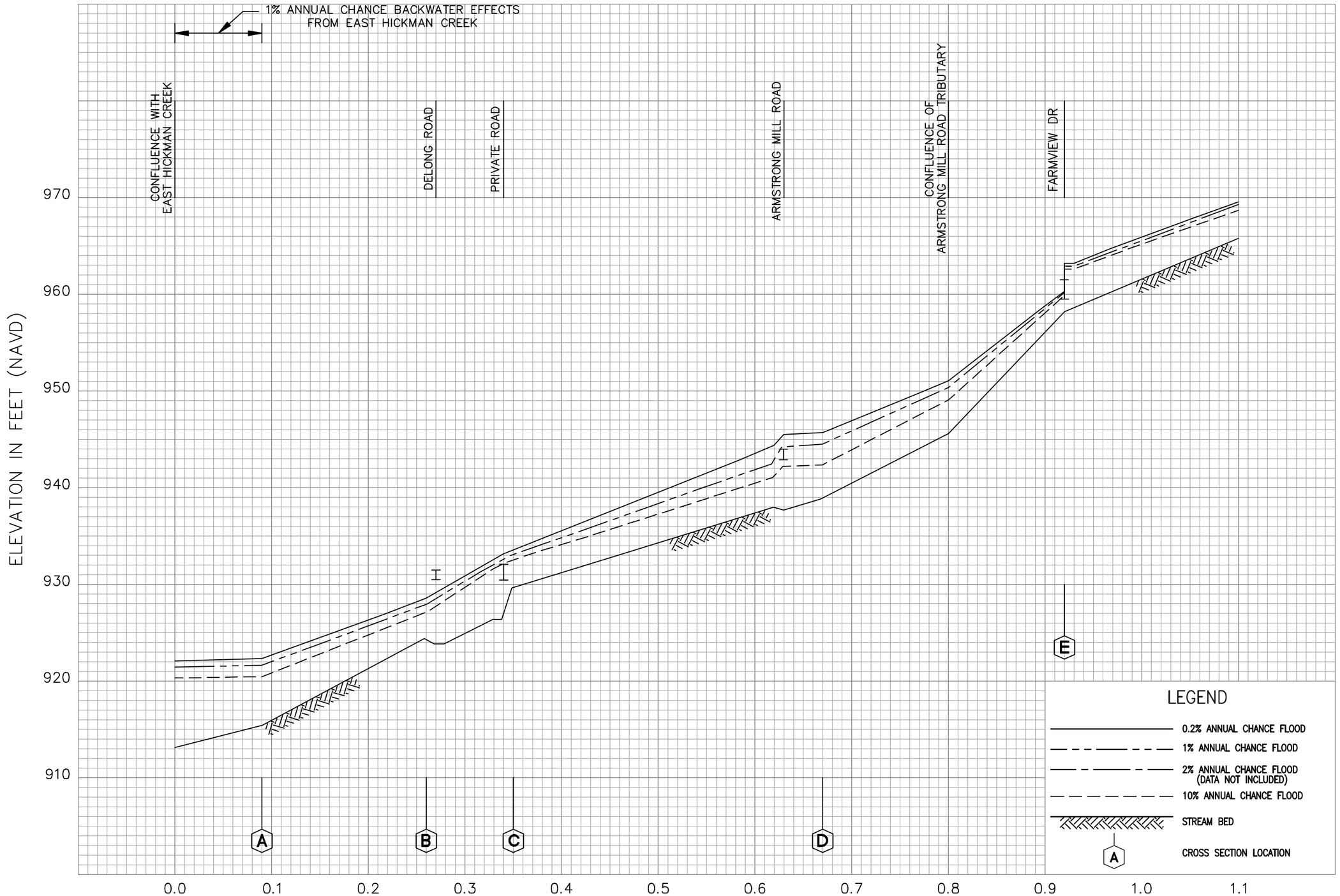


FLOOD PROFILES

DAVID FORK TRIBUTARY 1

FEDERAL EMERGENCY MANAGEMENT AGENCY
LEXINGTON-FAYETTE URBAN COUNTY
GOVERNMENT, KENTUCKY

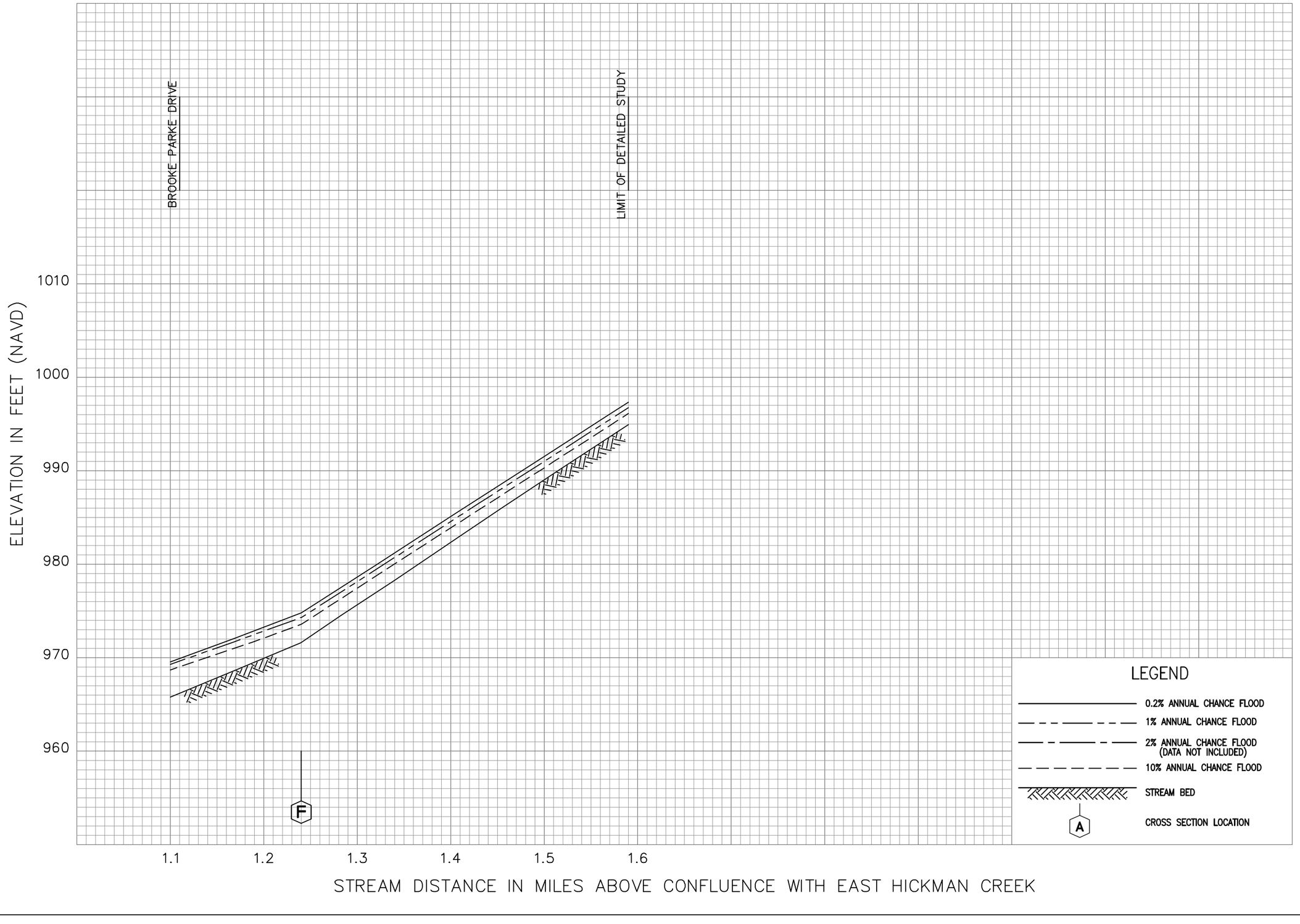
58P



FLOOD PROFILES

DELONG ROAD TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY



FLOOD PROFILES

DELONG ROAD TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

60P

ELEVATION IN FEET (NAVD)

865
860
855
850
845
840
835
830
825
820

COUNTY BOUNDARY

LISLE RD

OLD IRONWORKS RD

CONFLUENCE OF KEARNEY TRIBUTARY

A

B

C

D

LEGEND

1% ANNUAL CHANCE FLOOD

STREAM BED

A CROSS SECTION LOCATION

5250 5500 5750 6000 6250 6500 6750 7000 7250 7500 7750 8000 8250 8500

STREAM DISTANCE IN FEET APPROXIMATELY 5500 FEET UPSTREAM OF CONFLUENCE WITH CANE RUN

FLOOD PROFILES

DIXIE TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

61P

ELEVATION IN FEET (NAVD)

880
875
870
865
860
855
850
845
840
835

8500 8750 9000 9250 9500 9750 10000 10250 10500 10750 11000 11250 11500 11750

STREAM DISTANCE IN FEET APPROXIMATELY 5500 FEET UPSTREAM OF CONFLUENCE WITH CANE RUN

IRONWORKS PIKE

GEORGETOWN RD (HWY 25)

E F G H I J K L

LEGEND

1% ANNUAL CHANCE FLOOD

STREAM BED

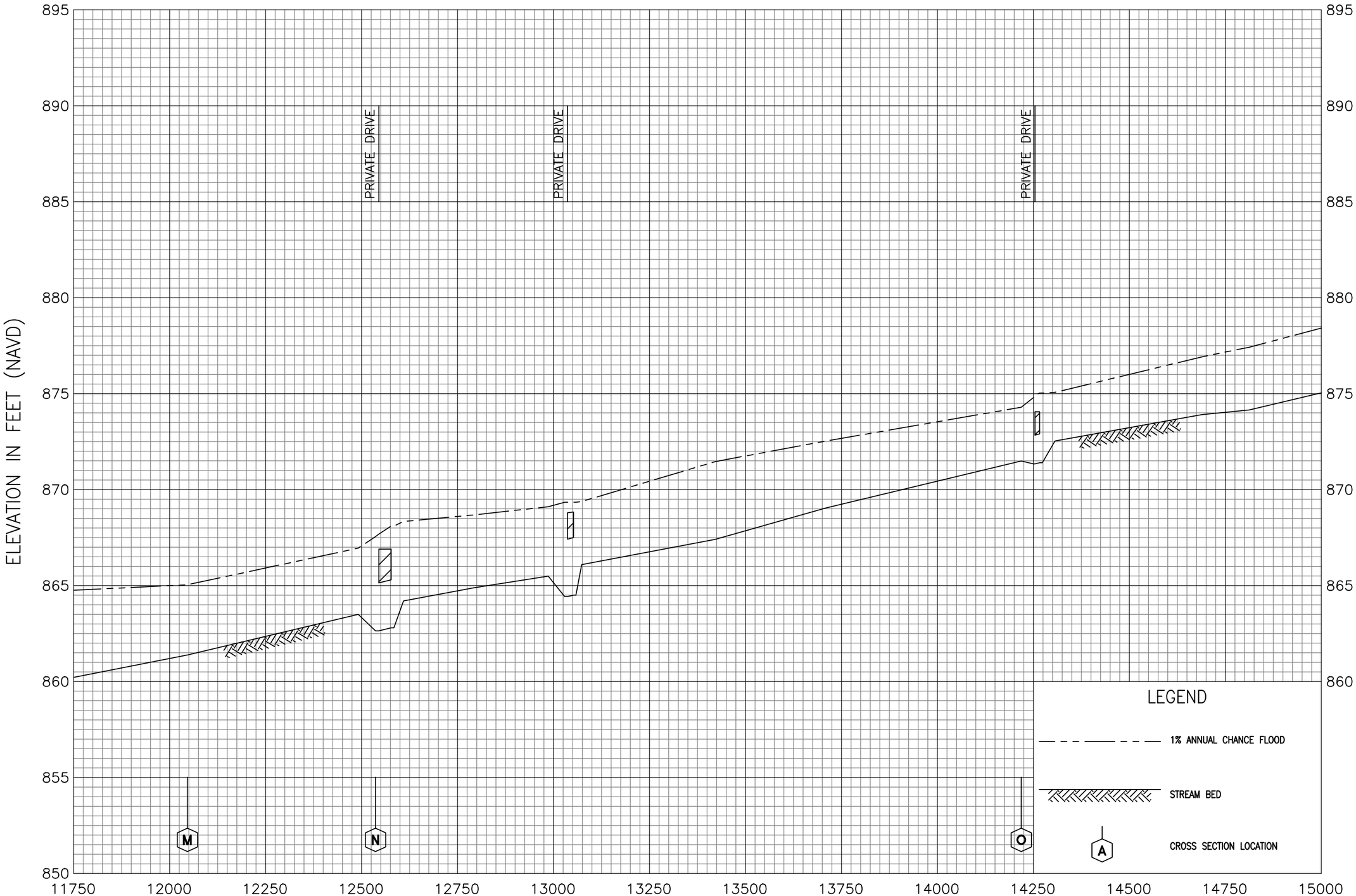
A CROSS SECTION LOCATION

FLOOD PROFILES

DIXIE TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

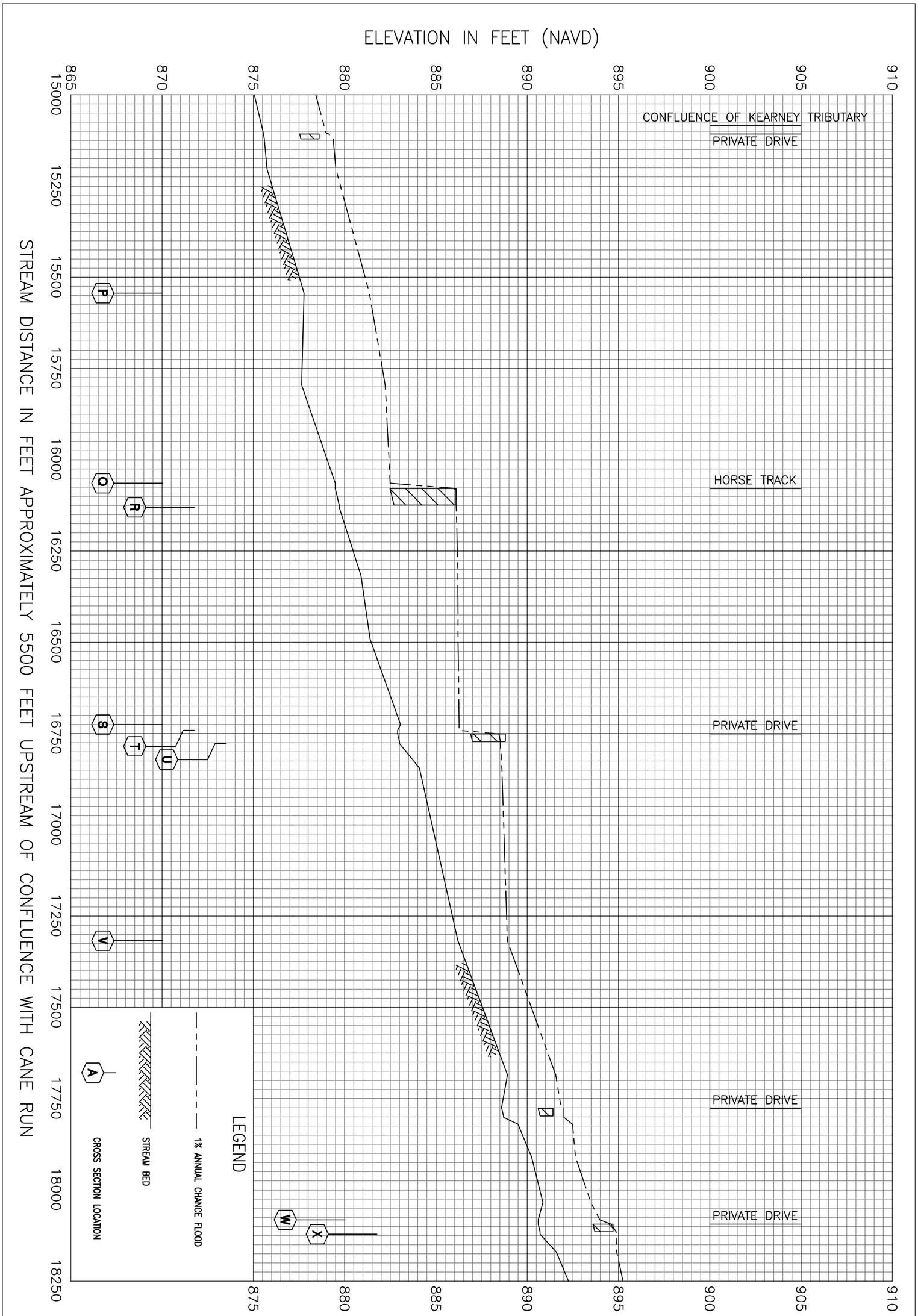
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY



FLOOD PROFILES

DIXIE TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY



64P

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON–FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

FLOOD PROFILES

DIXIE TRIBUTARY

ELEVATION IN FEET (NAVD)

925
920
915
910
905
900
895
890
885
880

18250 18500 18750 19000 19250 19500 19750 20000 20250 20500 20750 21000 21250 21500

STREAM DISTANCE IN FEET APPROXIMATELY 5500 FEET UPSTREAM OF CONFLUENCE WITH CANE RUN

LIMIT OF DETAILED STUDY

Y

LEGEND

1% ANNUAL CHANCE FLOOD

STREAM BED

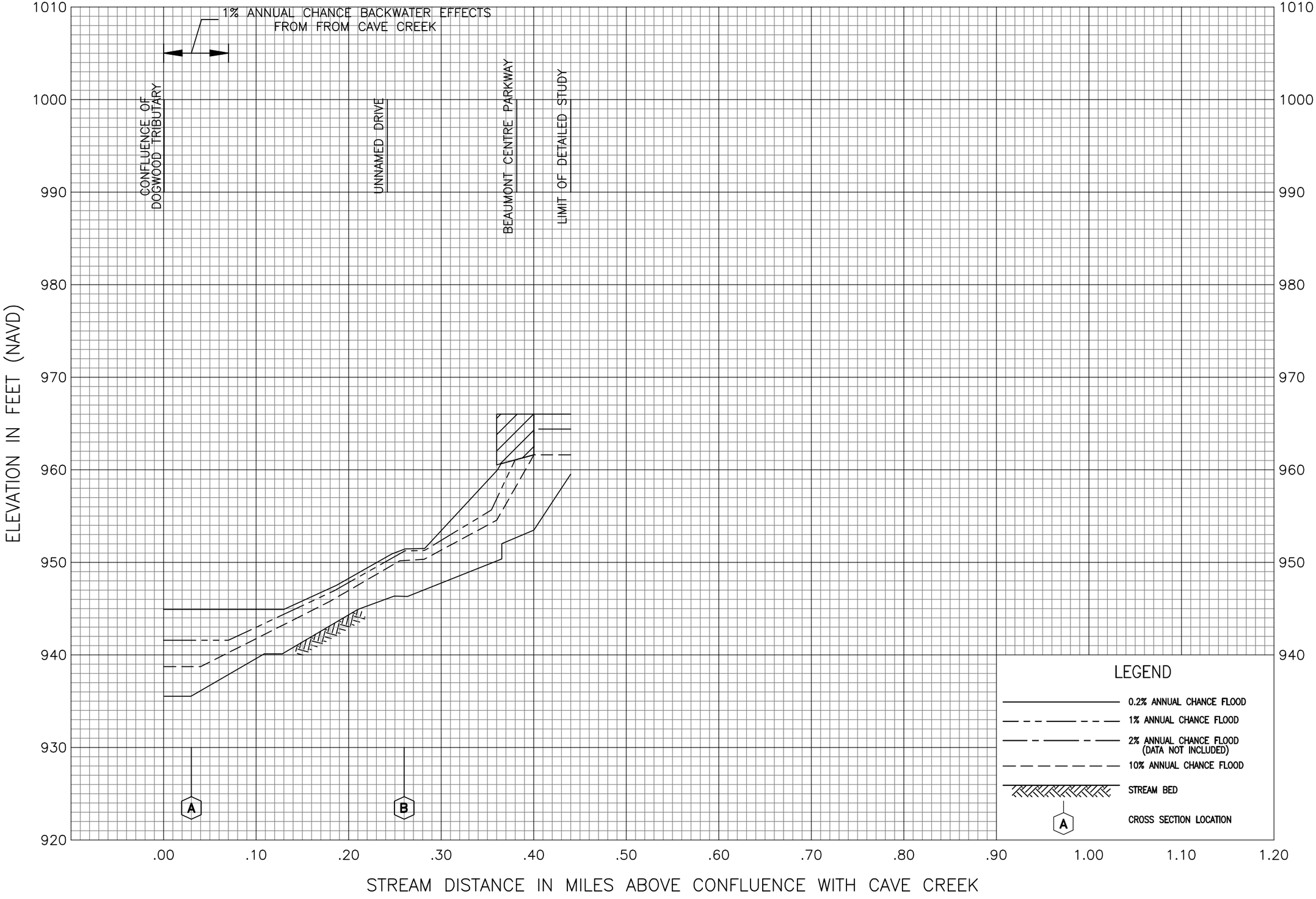
A CROSS SECTION LOCATION

FLOOD PROFILES

DIXIE TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY



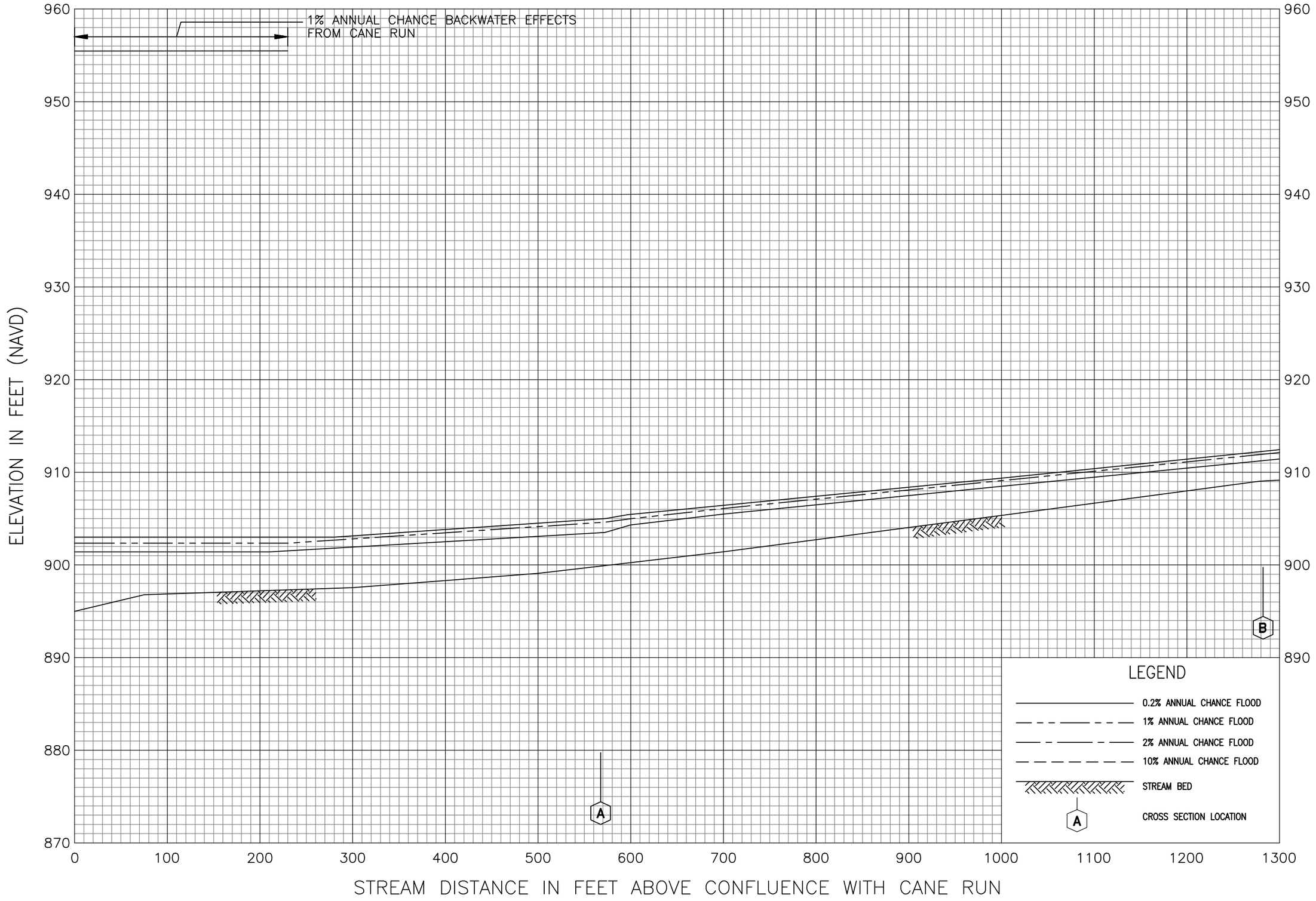
FLOOD PROFILES

DOGWOOD TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

66P

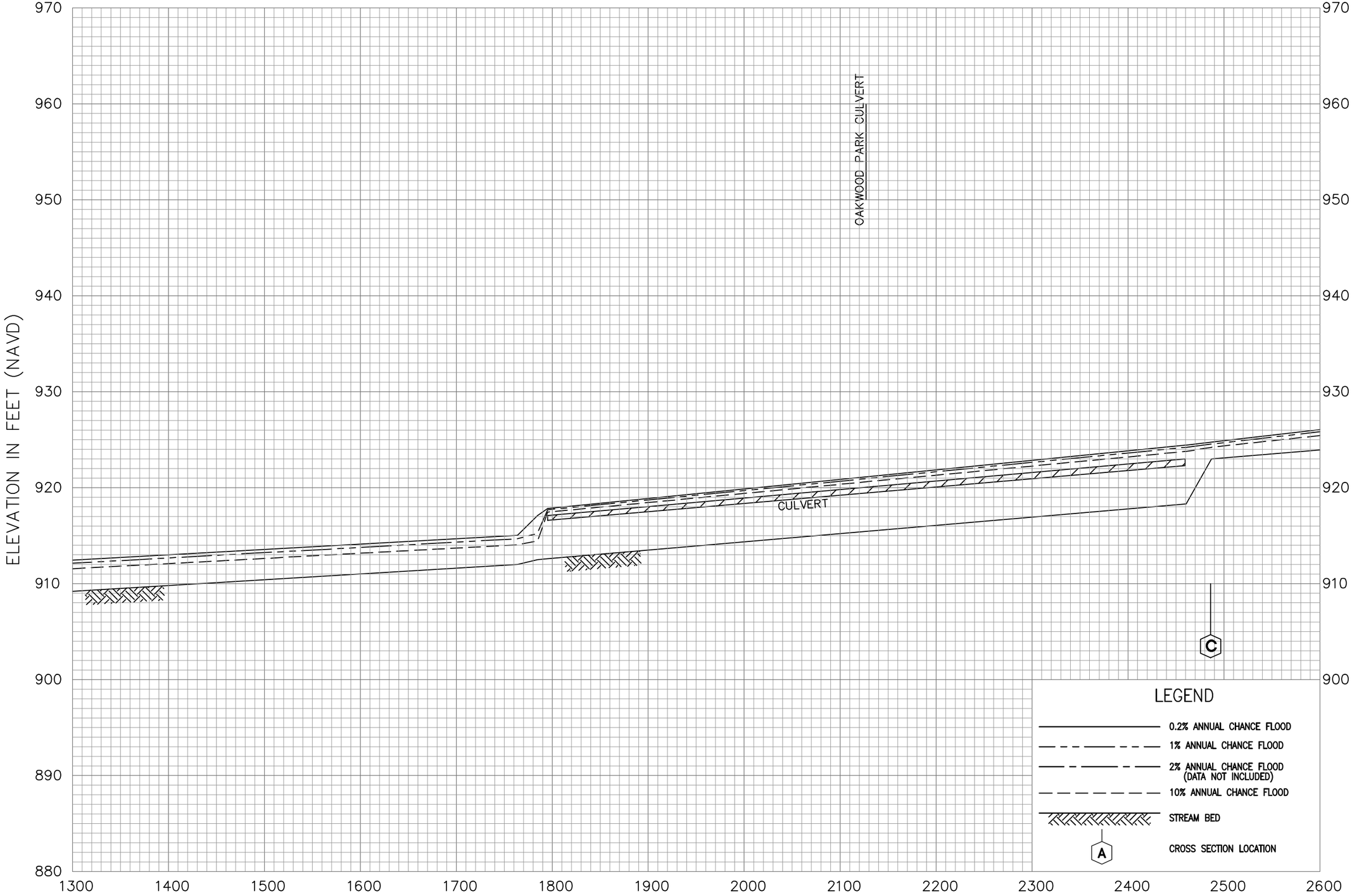


FLOOD PROFILES

DOUGLAS PARK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY



FLOOD PROFILES

DOUGLAS PARK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

68P

ELEVATION IN FEET (NAVD)

990
980
970
960
950
940
930
920
910
900

NANDINO BOULEVARD

2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH CANE RUN

LEGEND

- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD (DATA NOT INCLUDED)
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- CROSS SECTION LOCATION

D

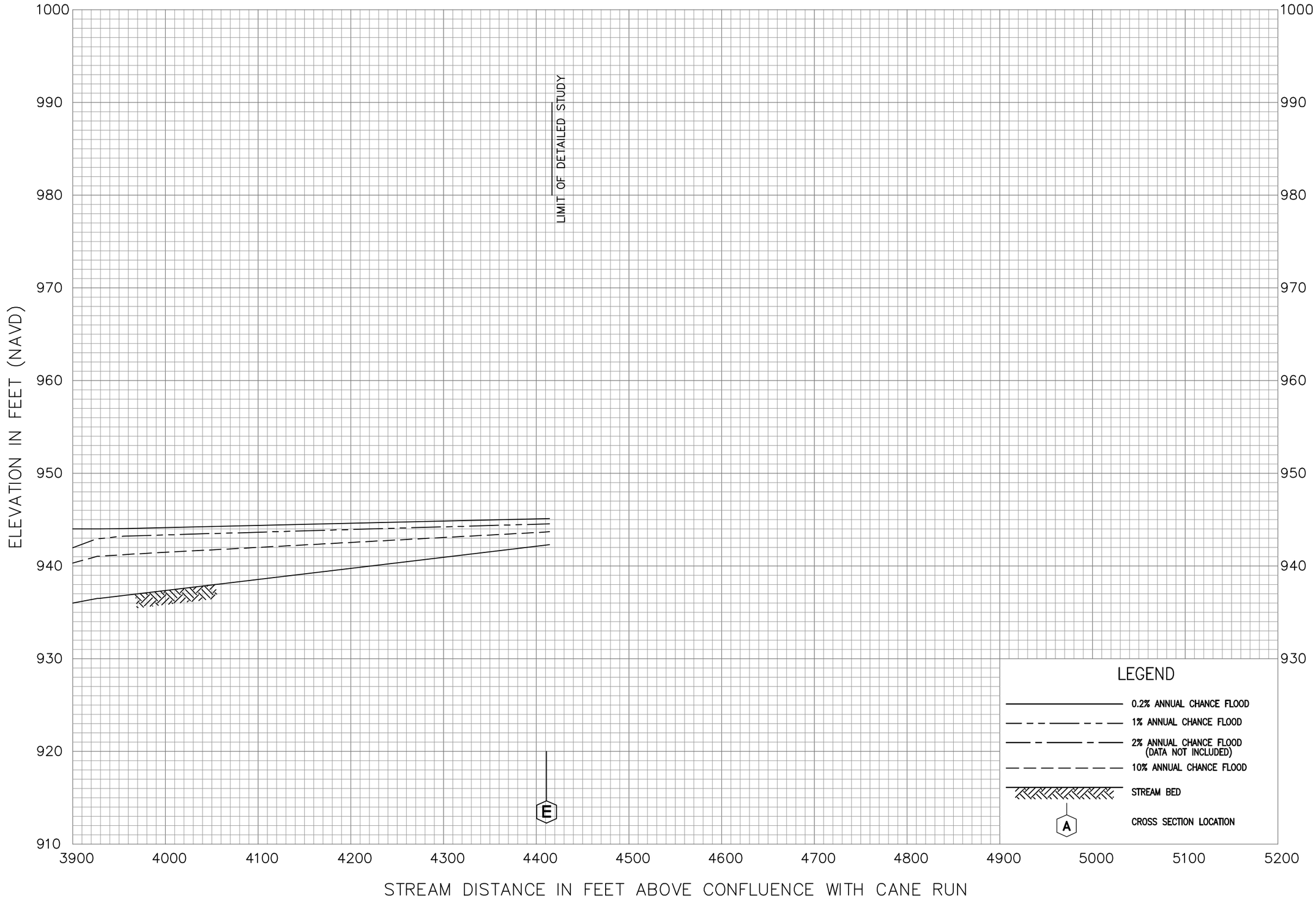
A

FLOOD PROFILES

DOUGLAS PARK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

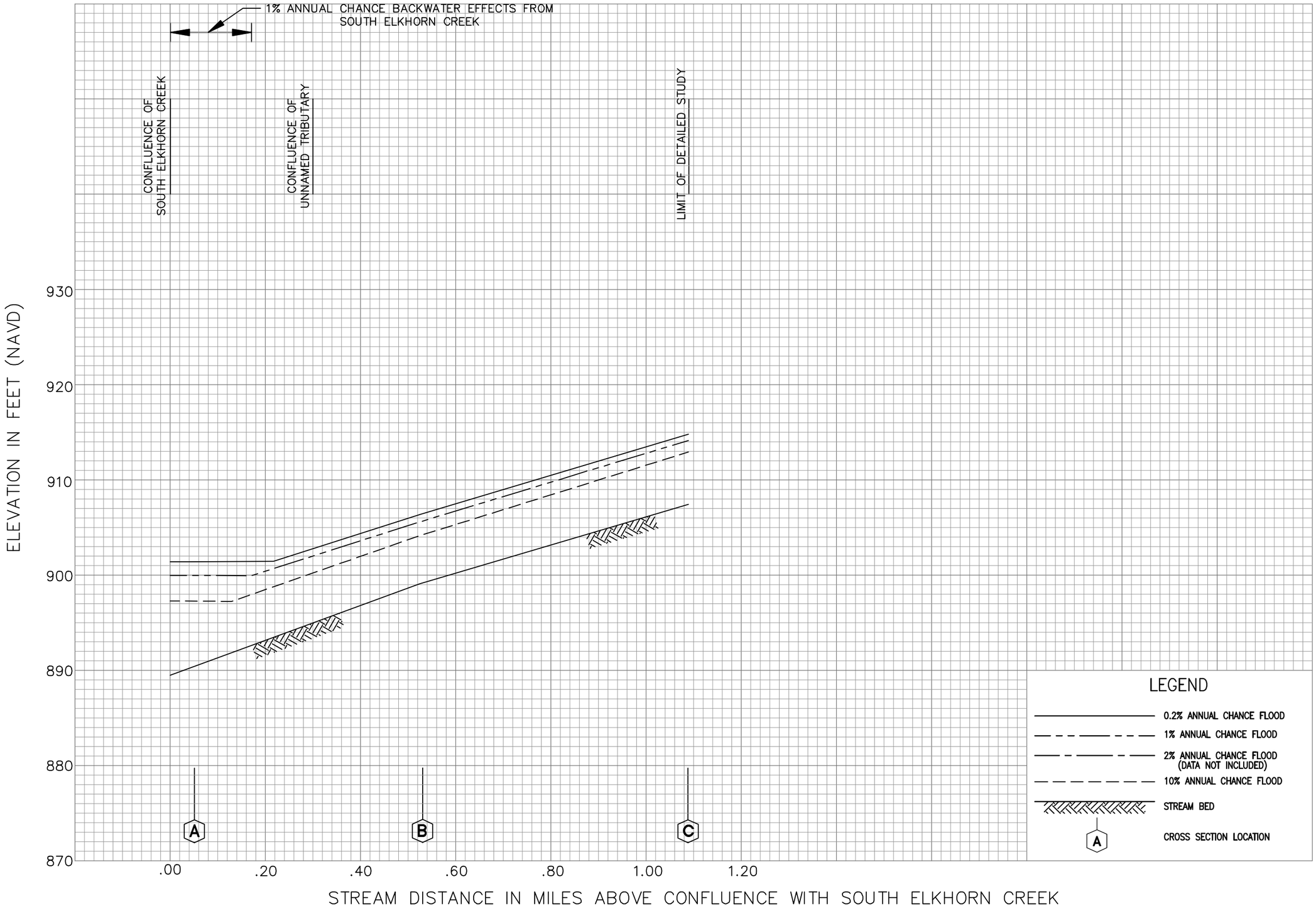


FLOOD PROFILES

DOUGLAS PARK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY
LEXINGTON-FAYETTE URBAN COUNTY
GOVERNMENT, KENTUCKY

70P

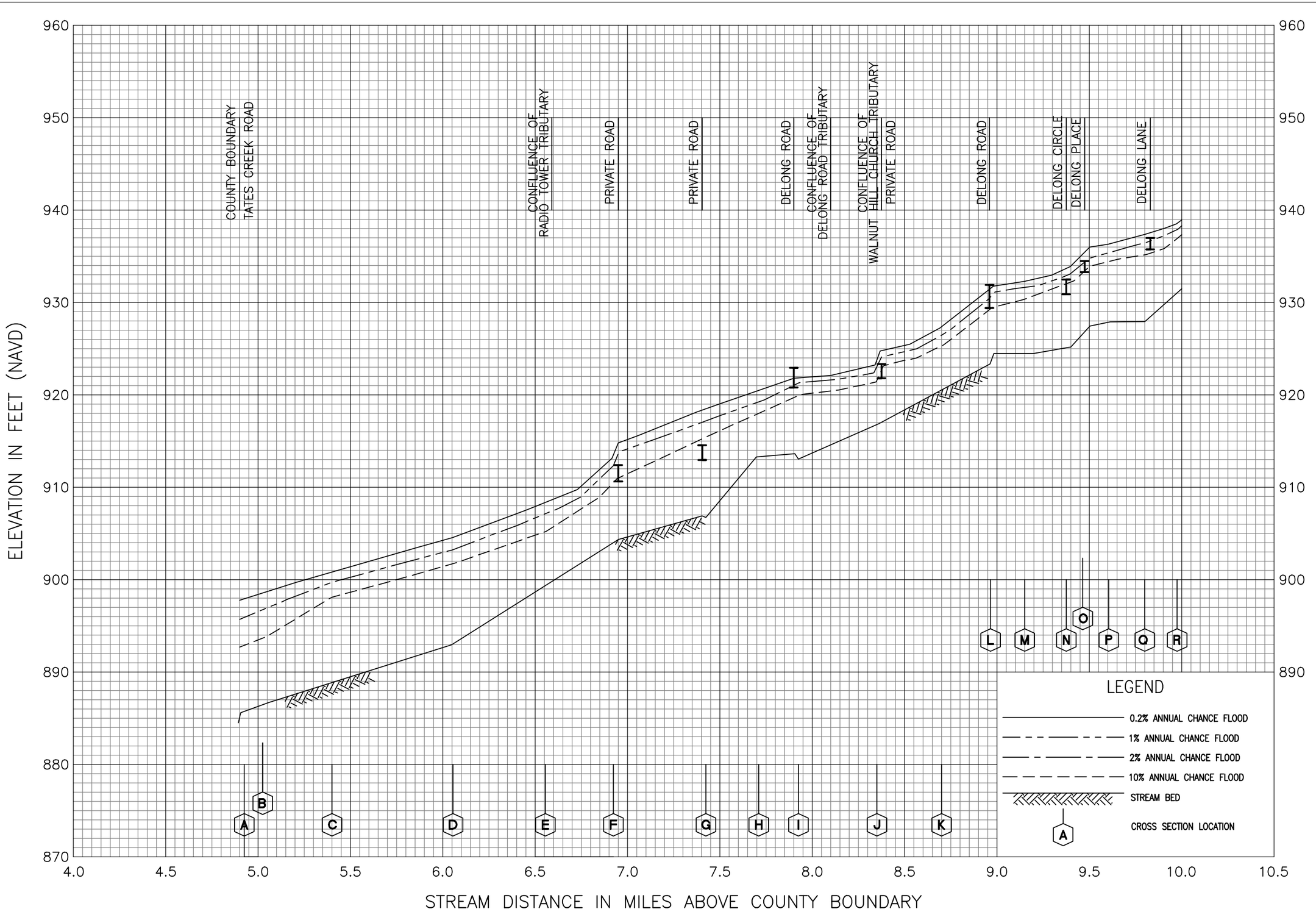


FLOOD PROFILES

DRIVE-IN TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

71P

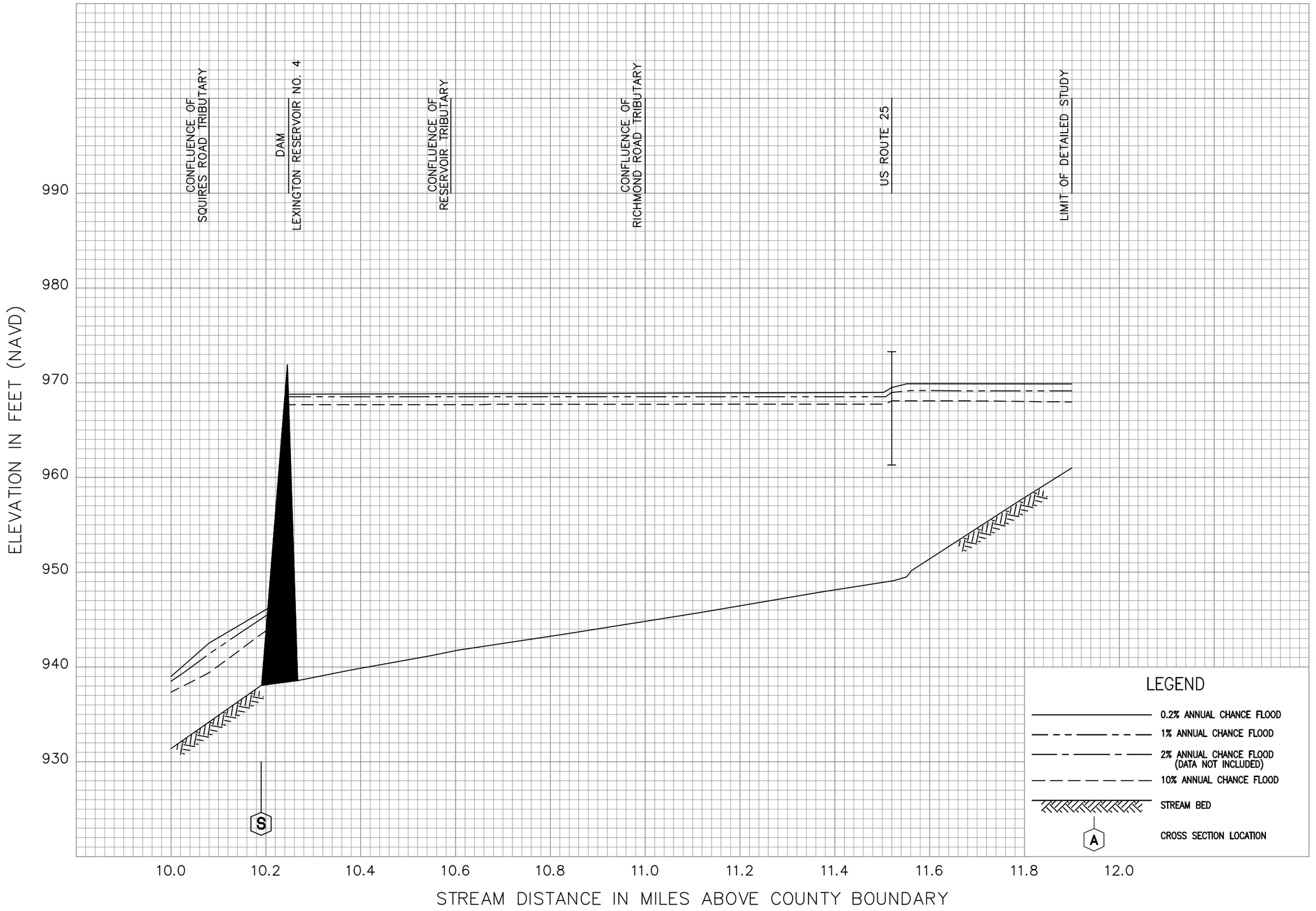


FLOOD PROFILES

EAST HICKMAN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

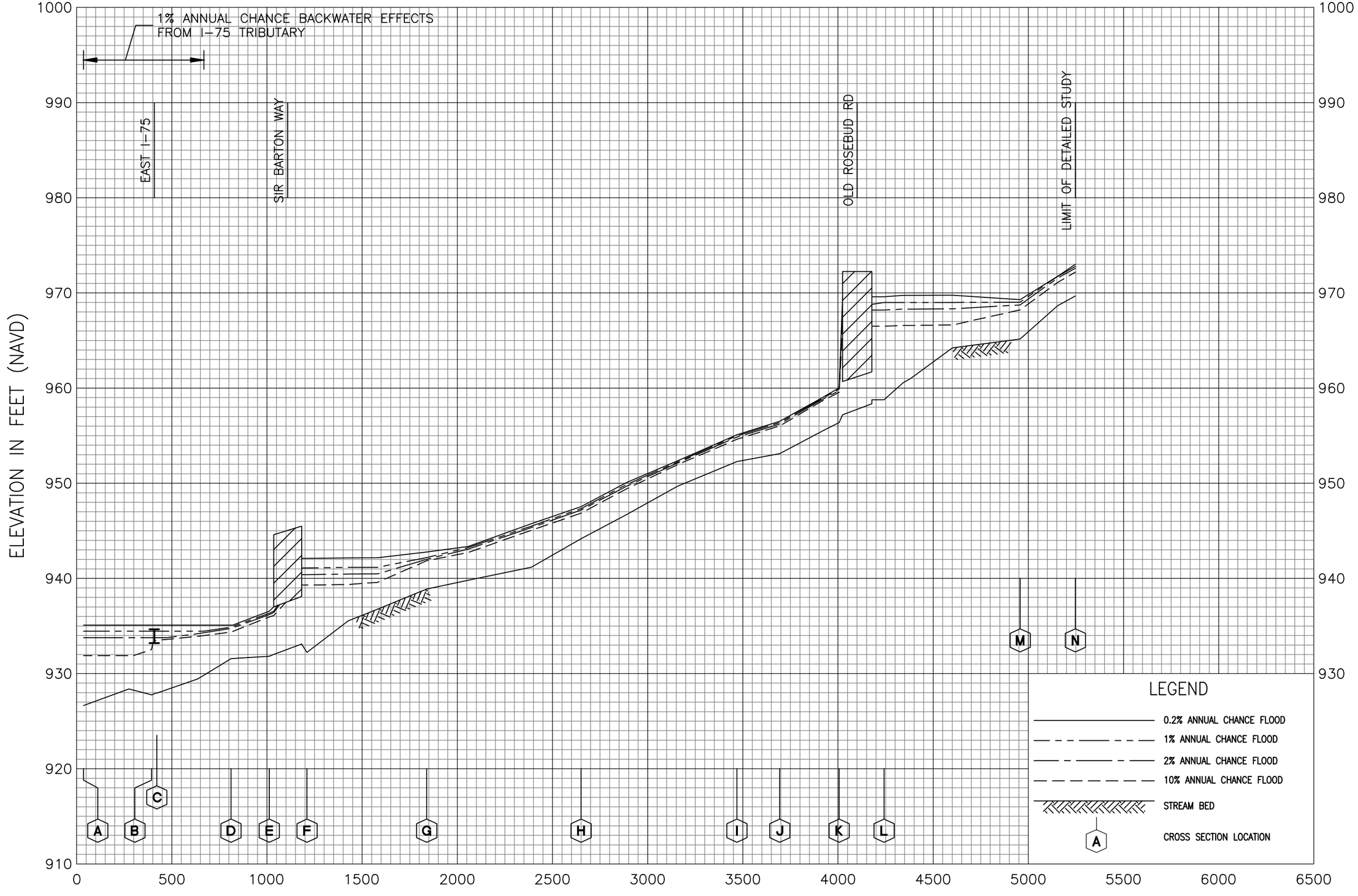


FLOOD PROFILES

EAST HICKMAN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY

73P



FLOOD PROFILES

EAST I-75 TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, KENTUCKY